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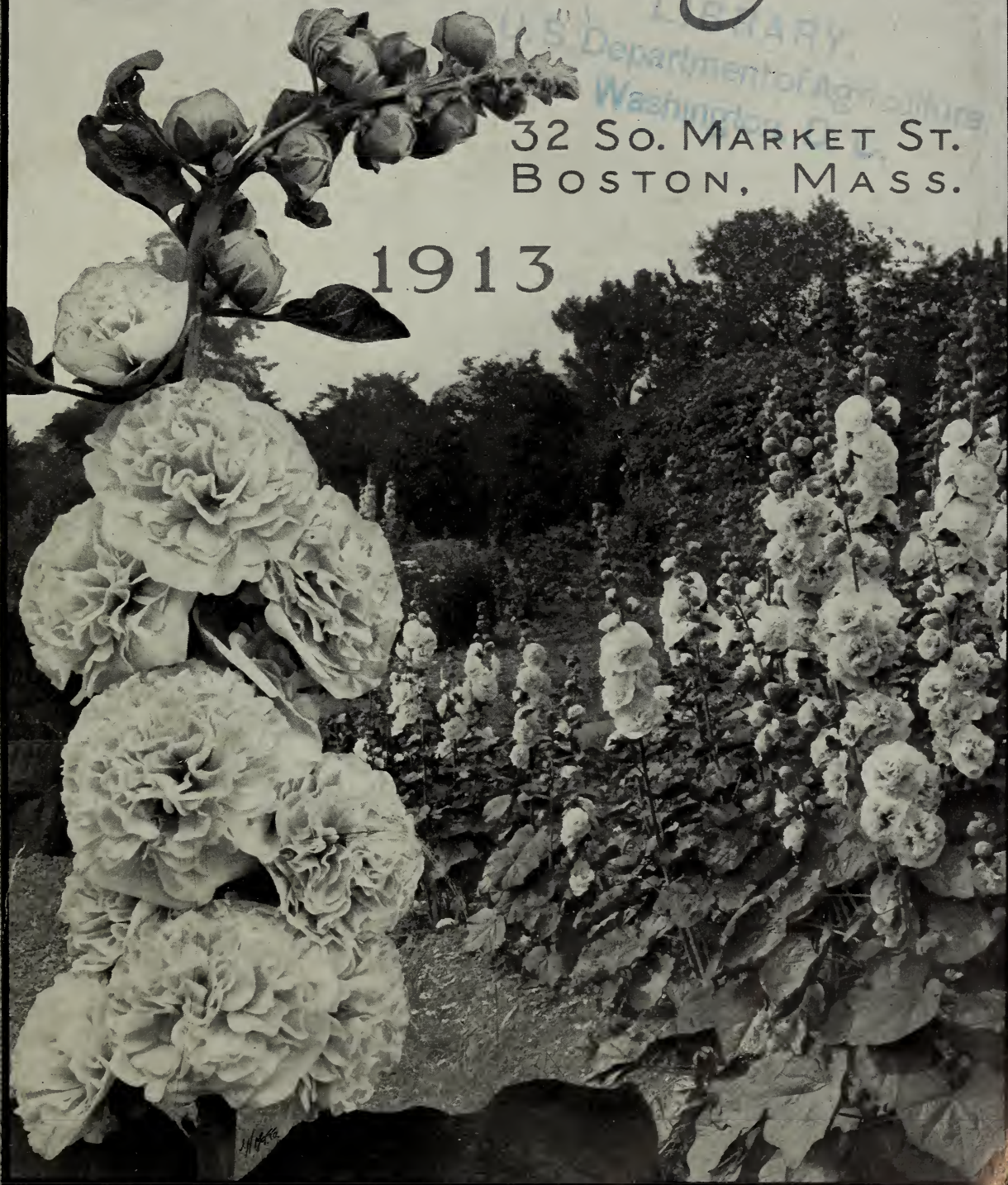
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Thomas J. Grey Co.

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32 SO. MARKET ST.
BOSTON, MASS.

1913



ARTHUR F. BARNEY, President
JOSEPH M. GLEASON, Treasurer

JOHN P. A. GUERINEAU, Vice-President
PETER M. MILLER, Secretary

THOMAS J. GREY COMPANY



THE organization of the Thomas J. Grey Company now includes Messrs. Arthur F. Barney as President and Joseph M. Gleason as Treasurer, both well known in the seed trade as for many years the active men in the firm of Schlegel & Fottler, and in the succeeding corporation of the Schlegel & Fottler Co. In common with the men who have made the Thomas J. Grey Company notable, the new members, with an acquaintance and experience of many years, are devoted to preserving and extending the favorable reputation which long and steady application to high ideals has given them.

The facilities thus joined warrant the claim that nowhere can better seeds, bulbs, plants and implements be obtained, while the ability and knowledge included in this corporation of practical seedsmen assure the highest grade of attention and service to customers, both old and new.

The advantage of dealing for bulbs and seeds with men who have a lifetime of wide experience and a jealous desire to hold their customers by the best service is apparent. Such a conjunction of acquaintance, facilities, connections, capital and stock is unusual.

THOMAS J. GREY COMPANY

A large part of our seeds are grown for us on contract by special growers, from our own stock, and in locations best suited for their development. Others are secured from strictly reliable sources, and constant effort is made to secure only the best.

WE ARE THE ONLY HOUSE IN NEW ENGLAND carrying a full stock of Seeds, Tools, Implements and Repairs for the wants of the **RETAIL TRADE EXCLUSIVELY**.

FREE DELIVERY.—We send to any part of the United States all vegetable and flower seeds quoted in this Catalogue, at packet, ounce, quarter-pound, half-pound and pound rates, free of expense to the purchaser, by mail or express (at our option). All heavy seeds, including peas, beans, corn, clover seed, seed grain, roots, etc., are quoted at net prices at our store. Purchasers desiring these by mail are requested to remit an additional amount sufficient to cover postage, at the rate of 8 cents per pound or 15 cents per quart. Particular attention is invited to this, as, when omitted, the cost of postage will be deducted from the amount received.

ADDRESS, ETC.—Please address all correspondence to the **Company**, and in ordering please use the order sheet which we send with each catalogue. Give name of your **post office, county and state**, and be particular to sign your name plainly; also specify means of conveyance preferred—whether by mail, express or freight—giving name of station to which goods are to be forwarded.

Early Orders. It is essential that customers send us their orders as soon as possible after receiving this catalogue, and thus avoid the rush of the planting season. It frequently happens that some articles are not in store when orders are received. In such cases we forward such as are ready, and the balance as soon as possible.

Remittances may be made by Draft, Money Order, American Express Company's Money Order, or Registered Letter. Postage Stamps may be sent for moderate amounts.

Plants and Shrubs cannot be sent C. O. D.

Prices, etc. Prices quoted in this list are subject to change during the season.

Orders from Unknown Parties, to insure prompt attention, must be accompanied by a remittance, or by satisfactory reference to some responsible house or person in this city.

Our Terms Are Net Cash. All bills on which short credits are allowed are due the first of the month succeeding the date of the purchase.

Cloth Bags Used in Packing are charged at the following rates: Quarter-bushel, 8 cents; half-bushel, 10 cents; one bushel, 15 cents; two bushels, 22 cents.

We give no warranty, expressed or implied, as to quality, description, productiveness, or any other matter of any Seeds, Bulbs or Plants we send out, and will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they must be at once returned.

THOMAS J. GREY COMPANY

Situations for Gardeners, Farmers, etc. We will be pleased at all times to receive inquiries from any person desiring the services of Superintendents, Gardeners, Farmers or Assistants. We keep a list of reliable persons wanting such situations, and recommend only such as we think are competent to meet the requirements of the employer. We make no charge for our services.

JOHN P. A. GUERINEAU, Vice-Pres.
JOSEPH M. GLEASON, Treas.

THOMAS J. GREY CO., BOSTON
32 SOUTH MARKET ST.

ORDER NO.

DATE _____ 191_____

Name _____

Street _____

Town _____ State _____

Conveyance _____

Gardener's Name _____

We give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs or plants we send out, and will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

THOMAS J. GREY CO.

Amount Enclosed, \$_____

(State whether Cash, Draft, P. O. Order, Express Money Order or stamps.)

(If goods are wanted by express C. O. D., 25 per cent of the amount must accompany the order.)

N. B. No plants or perishable goods sent C. O. D.

Filled by _____ Date _____

Shipped by _____

Date Shipped _____

DATE BILLED

LEDGER FOLIO

[illegible]

EXTRA ORDER SHEETS FURNISHED
UPON REQUEST

the
as J. (

Subject to

NUMBER	QUANTITY	ARTICLE	STOCK NO.	PRICE	DOLLARS	CENTS
<p>ORDER BY MAIL. We mail free all vegetable and flower seeds ordered at 1 pound, $\frac{1}{2}$ pound, $\frac{1}{4}$ pound, ounce and packet rates. For peas, beans, corn, grass seeds, etc., customers should remit 15 cents for quarts or 8 cents for pounds, to cover postage. We are always pleased to send our Catalogue to all who apply.</p>						

Flower Seed Novelties and Specialties

FOR 1913

See pages 29 to 57 for General List of Flower Seeds



Aster Branching, Pale Yellow

No.		Pkt.
284	ANTIRRHINUM, Giant Purple King. Immense flowers of a deep glowing purple	\$0.15
293	ANTIRRHINUM, Giant Venus. Very large delicate light pink flowers with white throat	.15
323	ANTIRRHINUM, Rose Dore. Salmon rose self with golden sheen, a lovely new shade, 2½ ft.	.15
	ANTIRRHINUM NANUM GRANDIFLORI M. The five following new varieties are semi-dwarf in growth, very large flowering and most exquisite in coloring. 15 inches.	
326	— Amber Queen. Canary yellow, overlaid with chamois pink, golden lip	.15
328	— Carmine Queen. Rich rose carmine, fringe	.15
334	— Golden Morn. Raspberry red and old gold, golden lip	.15
338	— Pink Beauty. Deep old rose with small yellow lip	.15
341	— Rosy Morn. Pale rosy pink, white throat	.15
387	AQUILEGIA, Double White Hybrid. Early, long spurred, double white flowers	.15

No.		Pkt.
502	ASTER BRANCHING, Pale Yellow. A distinct, delicate, yellow flower of large size on long stems and very double	\$0.15
961	AUBRETIA, Grandiflora Hybrids. A new and exceedingly free flowering race with large, beautiful flowers in great variety of colors, excellent for borders, rockeries, etc.; blooming from April till June	.25
1042	BEGONIA, Gracilis Bonfire. Plants 12 to 14 inches high. They branch freely and produce masses of lustrous carmine-scarlet bloom carried well above the handsome metallic brown foliage. The individual flowers are large measuring 1½ x 1 inch	.25
1043	BEGONIA, Gracilis Mignon. Almost globular plants 7 or 8 inches high covered with brilliant scarlet blooms; foliage, dark green, edged and spotted with bronzy red	.25
	CANTERBURY BELLS, Single Pyramidal. A great improvement on the old type; of upright pyramidal habit and very free flowering:	
1326	Light Blue; 1328, Lilac; 1332, Rose; 1336, Pink; 1342, White; each	.15
1343	Collection of the 5 colors	.60



Begonia, Gracilis Bonfire



Delphinium "AZURE FAIRY"

No.

Pkt.

CINERARIA GRANDIFLORA. The following separate colors are grown by a specialist who claims that for size of flowers and form of plants, they are absolutely unsurpassed.

- | | | |
|------|--------------------------------------|--------|
| 1716 | —Alba. Pure white..... | \$0.50 |
| 1717 | —Atrosanguinea. Dark blood red | .50 |
| 1718 | —Azurea. Azure blue..... | .50 |
| 1719 | —Kermesina. Bright Crimson..... | .50 |
| 1721 | —Pink Shades. Very fine | .50 |

CLARKIA ELEGANS fl. pl. The 3 new and greatly improved double sorts are excellent for cutting and very useful for pot culture in the Conservatory or in the open ground; they grow about 2 feet high and bloom profusely.

- | | | |
|------|--------------------------------------|-----|
| 1741 | —Orange King. Bright orange scarlet. | .15 |
| 1742 | —Purple Prince. Rich purple..... | .15 |
| 1743 | —Queen Mary. Lovely rose carmine.. | .15 |

- | | | |
|------|---|-----|
| 1816 | CONVOLVULUS, Althaeoides Floribundus. Beautiful climbing perennial 5 to 6 feet high, with bright soft pink, bell-shaped flowers 1½ to 2 inches in diameter; produced in profusion through the entire summer and autumn | .25 |
|------|---|-----|

CYCLAMEN, Grey's Giant. Our special strain and without an equal, grown especially for our large private trade by one of the most expert growers in Great Britain who makes this his specialty.

- | | | |
|------|--|-----|
| 1863 | Blood Red; 1865, Crimson; 1870, Pink; 1875, Salmon; 1880, White. Each ... | .75 |
| 1940 | Mixture of above colors | .75 |

No.

Pkt.

- | | | |
|------|---|---------|
| 1933 | CYCLAMEN; Royal Robe. A large purplish self, very robust and free flowering | \$0.75 |
| 1958 | DAHLIA, Double Giant Decorative. This new sort is a very strong grower with large rigid stalks and extremely large, double flowers 7 to 8 inches in diameter and in a great variety of colors. | .25 |
| 2054 | DELPHINIUM, Azure Fairy. A fine addition to the Annual Class; it grows 12 inches high and is covered with a profusion of bloom of a lovely clear Cambridge blue color..... | .15 |
| 2055 | DELPHINIUM, Blue Butterfly. Like preceding, except in color, which is an intense salvia blue..... | .10 |
| 2094 | DELPHINIUM CHINENSE, Tom Thumb. Beautiful perennial sort, blooming first season from seed, 8 to 10 inches high with a profusion of clear ultramarine colored flowers | .15 |
| 2463 | FREESIA, Mixed Hybrids. These new and richly colored sorts represent one of the best novelties of late years; the beautifully scented flowers are tinted in various shades of pink, blue, purple, orange, yellow and brown, often delicately spotted and veined; they bloom in 6 to 8 months after sowing..... | .25 |
| 2983 | HELIANTHUS, Cucumerifolius Purpureus. This new small flowered single sort varies considerably in the forms and colorings of its flowers; twisted, pointed and flat petals are found in the various purple-red shades, often with a distinct circle on yellow ground around the dark centre turning to pink towards the points..... | .25 |
| | LUPINUS HARTWEGII. Fine annual variety for either bedding out or cut flowers, in the following colors; height 2 feet. | |
| 3371 | —Albus. Fine white.....oz., | .30 .05 |
| 3372 | —Coelestinus. Azure blue ....oz., | .30 .05 |
| 3373 | —Nigrescens. Clear rich blue ..oz., | .50 .10 |
| 3374 | —Roseus. Beautiful rose pink..oz., | .50 .10 |
| 3406 | LUPINUS POLYPHYLLUS, Excelsior. A grand addition to the hardy perennial section, embracing a splendid assortment of colors ranging from pink to deep red and various shades of lavender, mauve and blues | .15 |
| 3393 | LUPINUS POLYPHYLLUS, Moerheimi. New perennial sort with rose and white flowers; blooms nearly the whole summer; habit rather dwarf | .15 |
| 3558 | MAURANDYA, Purpusi. A novelty of merit offered for the first time. It is not a climber like other Maurandyas, but a graceful branching perennial, and if sown early it blooms with the summer flowering annuals; it has many short graceful branches covered with pretty purple-crimson flowers and light green foliage. Suitable for greenhouse or outside. The roots are tuberous..... | .25 |

No.

4264 **PENTSTEMON GRANDIFLORUM, Excelsior Mixed.** A grand strain with blooms of great size, almost as large as a Gloxinia and range in color from white to the deepest scarlet \$0.25

4278 **PENTSTEMON, Hartwegii Albus.** The first pure white large flowering sort offered; remarkably early and long bloomer; if sown in January it will bloom from June till frost; it produces numerous flower spikes about 2½ feet high, all thickly studded with large open-throated pure white flowers..... .25

4311 **PETUNIA GRANDIFLORA, Dwarf Fringed.** These make beautiful, compact plants about 8 inches high with quantities of large, beautifully fringed flowers in all colors common to Petunias. Excellent for pot growing and for borders25

4472 **PHYSOSTEGIA, Virginiana Gigantea.** A most ornamental perennial; the flower stalks, which are 5 to 6 feet high, are composed of pretty Erica-like spikes of an intense purplish-rose color; for cut flowers in large vase work it is exceedingly useful25

4518 **POPPY SHIRLEY, Picotee.** A beautiful white with well-defined carmine edge, a magnificent flower, being very large and particularly showy..... .10

4807 **PRIMULA CHINENSIS, King George V.** A new giant sort with beautifully fringed dense crimson flowers of massive substance. Very free and the darkest sort yet offered 1.00

Maurandya, Purpusi

No.

4809 **PRIMULA CHINENSIS, Queen Mary.** Magnificent giant sort, offered for the first time; the petals are large and of great substance; it is erect and free flowering and of a lovely rose-pink color \$1.00

Pkt.

4937 **PRIMULA, Malacoides.** Very free flowering species from China and an excellent pot plant for indoor growing, the flowers are ½ to ¾ inch across, of a light lilac color and will bloom in four months from seed50

4938 **PRIMULA, Malacoides Alba.** A pure white flowered variety of the preceding, offered for the first time..... .50

4942 **PYRETHRUM, Comet Flowered.** Hardy sort with large single and semi-double flowers having curled and twisted petals, varying in all shades from pure white to blood red..... .25

5066 **SALPIGLOSSIS SUPERBISSIMA Dwarf Mixed.** A new race 12 to 15 inches high with stiff stems, larger flowers more freely produced than in the tall growing, and in great variety of brilliant colors25

Primula, Malacoides Alba



Pentstemon, Hartwegii Albus



Solanum, Capsicastrum Melvini

- No. 6148 **VISCARIA Oculata Azurea.** Attractive new variety of this hardy annual which produces through the whole season its clear light azure blue flowers about $1\frac{1}{2}$ ins. in diam.; well adapted for cutting \$0.15

Pkt.

SWEET PEAS GIANT SPENCER VARIETIES

New and recently introduced sorts which have all received awards, and give mostly four flowers to the stem. For other Spencer and Grandiflora types see pages 54 and 55.

- | | |
|---|----------------|
| 5394 After Glow. Bright violet-blue shading to rosy amethyst, wings electric blue..... | .25 |
| 5433 Blue Jacket. Sunproof navy blue, recommended as best blue | Oz. \$2.00 .25 |
| 5436 Captivation. Extra large, rich, rosy wine red..... | Oz. \$2.00 .25 |
| 5437 Cherry Ripe. A brilliant cerise self | Oz. .50 .10 |
| 5447 Decorator. Old rose with a sheen of terra cotta at times..... | .50 |
| 5448 Dobbie's True Lavender. Without trace of heliotrope, purple or blue..... | .50 |
| 5451 Dorothy. Giant rosy lilac self..... | .25 |
| 5512 Hercules. Giant pale rosy pink | .25 |
| 5514 Irish Belle or Dream. Rich lilac, flushed pink .. | .25 |
| 5522 Lady Evelyn Eyre. Pale pink, slightly flushed salmon..... | .25 |
| 5526 Lavender, Geo. Herbert. Bluish-lavender, fixed stock | .50 |
| 5529 Loyalty. Royal blue flake on white ground..... | .25 |
| 5531 Margaret Madison. Clear azure blue self ... | .25 |
| 5551 Mrs. Cuthbertson. Clear rose-pink, white wings .. | .25 |
| 5553 Mrs. Heslington. Considered the finest type of lavender | .25 |
| 5621 Red Chief. Rich reddish maroon..... | .25 |
| 5627 Scarlet Emperor. Large, rich scarlet..... | .25 |
| 5642 Thomas Stevenson. Rich, bright, orange-scarlet .. | .25 |
| 5644 Vermilion Brilliant. Large, brilliant scarlet..... | .25 |

- No. 5233 **SOLANUM, Capsicastrum Melvini.** The best introduction in holiday plants for years. The dwarf, bushy plant is 12 to 15 inches high, covered with brilliant scarlet conical-shaped berries $\frac{1}{2}$ inch in diameter, carried well above the dark foliage. Awarded First Class Certificate by the Massachusetts Horticultural Society and the Gardeners' and Florists' Club of Boston..... \$0.25
- 5912 **SWEET WILLIAM, Double Salmon.** Fine variety with large clusters of double flowers of a very rich salmon color25
- 5989 **TRITOMA, Hybrida Mirabilis.** A new strain, the great merit of which is producing flowers in abundance the first season from seed, and may justly be called **Annual**. If sown early and planted in the open ground in April or May they will bloom freely from July to late in the Autumn. The stalks are 2 to 3 feet high with flower heads 4 to 6 inches long and range in color from light yellow to orange-scarlet..... .25

Pkt.



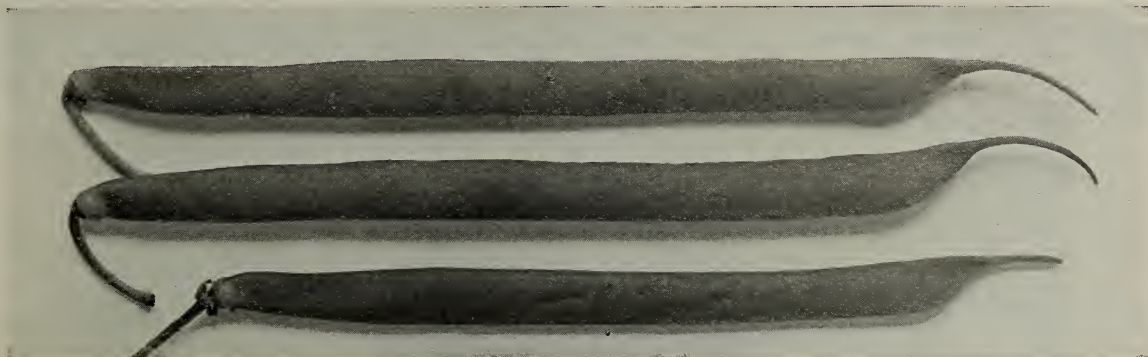
Physostegia, Virginiana Giantea

THOMAS J. GREY COMPANY

Specialties in Vegetable Seeds

ASPARAGUS, Reading Giant. A variety rapidly growing in favor because of its rust-resisting character, large size and superb quality. Pkt. 15 cts.; oz. 50 cts.; $\frac{1}{4}$ lb. \$1.75.

ASPARAGUS, Argenteuil Goliath. This splendid new asparagus, of French origin, will be widely appreciated by all growers, private as well as market. It is as early as the Argenteuil but throws much larger heads. Per pkt. 25 cts.



Emperor of Russia Beans

BEANS, Plentiful, Sutton's. A perfectly distinct dwarf bean, bearing a most abundant crop of long, broad, straight pods which are practically stringless and of excellent flavor. One of the earliest varieties and one which we can confidently recommend for all gardens, and especially where forcing is practiced. Pkt. 15 cts.; pt. 30 cts.; qt. 50 cts.

BEAN, Emperor of Russia. Extremely prolific and highly esteemed where known. Pods long, slender and meaty. Medium early. Pkt. 15 cts.; pt. 50 cts.; qt. 90 cts.

BEAN, Keeney's Stringless Late Refugee. Similar in general characteristics to the old Refugee, except that it is entirely stringless at all stages of growth. Of true, bush habit with handsome pods, averaging five inches in length, nearly round in form, brittle and tender. Pkt. 10 cts.; pt. 20 cts.; qt. 40 cts.; 4 qts. \$1.50.

CABBAGE, Copenhagen Market. Recommended as being the finest, large round-headed, early variety in cultivation. The type being thoroughly fixed the heads mature all at the same time; the average weight is about ten pounds. It matures as early as the Charleston Wakefield, and will yield a much heavier crop per acre. Heads very solid with small core; quality excellent. The leaves are rather small and tightly folded, permitting the plants to be set closer than many varieties. Pkt. 10 cts.; oz. 75 cts.; $\frac{1}{4}$ lb. \$2.25.

CORN, Early Golden. This variety, introduced a few years ago, is we believe much superior to some yellow varieties of more recent introduction. It is remarkably sweet, early, of medium size (10 to 12 rowed), tender and delicious, and retains its tender condition a long time. Pt. 20 cts.; qt. 35 cts.; pk. \$2.00.

CORN Grey's Perfection. Earlier than Crosby, grows taller and has much larger ears, very productive, sweet and tender. Pt. 15 cts.; qt. 30 cts.; pk. \$1.75.

LETTUCE, Sutton's Little Gem Cos. An entirely distinct Cos Lettuce, and a most valuable dwarf compact variety. Very dark green, small, solid, crisp, slow in running to seed, and of delicious quality. Pkt. 25 cts.; $\frac{1}{2}$ oz. 60 cts.; oz. \$1.00.



Copenhagen Market Cabbage

MELON, Royal Jubilee. A splendid oval, green-fleshed melon, raised at the Royal Gardens, Windsor; skin almost white and elegantly netted. The flavor of the dark-green flesh, which is delicious, is much appreciated by connoisseurs. The plant is of robust habit and sets freely. Pkt. 50 cts.

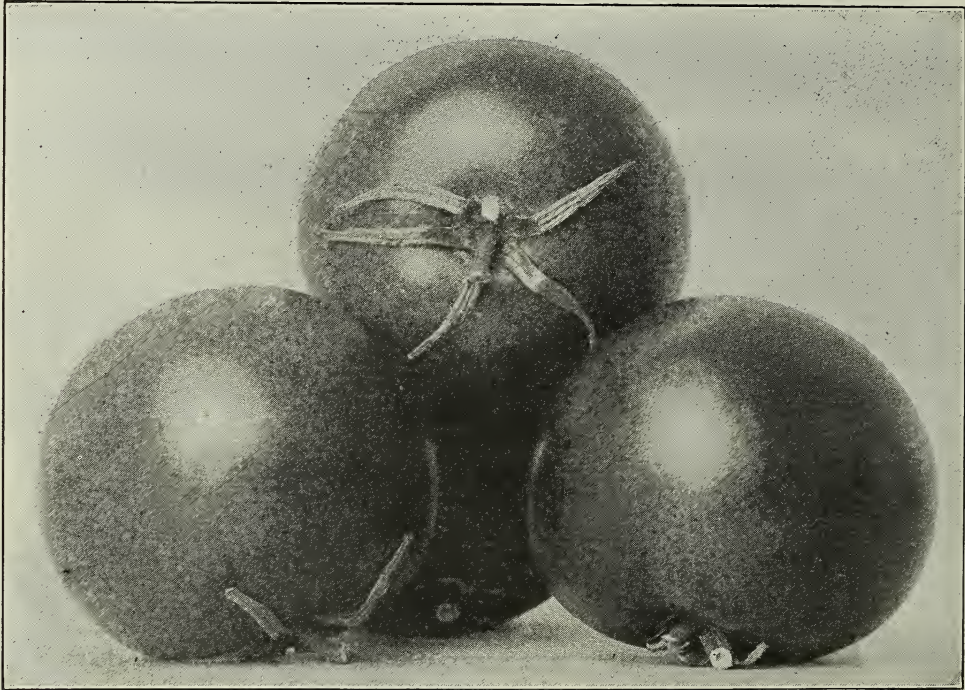
PARSLEY, Dobbie's Exhibition. This parsley has long been recognized as a standard exhibition sort. It is remarkable for its large, fine leaves and close habit. The seed offered has been saved from selected plants only, every one of which was a perfect specimen. Pkt. 15 cts.; oz. 40 cts.

PEAS, Laxtonian, Carter's Re-Selected. This fine new pea has been carefully selected, and the stock now offered is saved from deep-green, giant pods only. Pods are slightly curved and deep green; peas are of excellent flavor. Pkt. 15 cts.; pt. 30 cts.; qt. 50 cts.; 4 qts. \$1.75.

PEAS, Little Marvel. This is one of the best among the dwarf peas, being a heavy cropper and producing peas of best quality. Pods dark green; blunt-ended and well filled. Pkt. 15 cts.; pt. 30 cts.; qt. 50 cts.; 4 qts. \$1.75.

PEAS, Peter Pan. A novelty introduced in 1910, described as a tremendous cropper, producing long, dark green pods, filled with peas of exquisite flavor. Plants very robust in habit. Pkt. 15 cts.; pt. 60 cts.; qt. \$1.00.

PEAS, Quite Content, Carter. The largest and finest podded pea in cultivation. Received first class certificate from the Royal Horticultural Society of London. A main crop variety. Grows 5 feet high; foliage and pods deep green; pods 6 to 7 inches long, hanging mostly in pairs; 10 to 12 peas in a pod. Flavor superb. Pkt. 10 cts.; pt. 30 cts.; qt. 50 cts.



Lister's Prolific Tomato

TOMATO, Comet. One of the best forcing varieties. Brilliant scarlet color, medium size, excellent shape and solid, good outdoor variety. The seed which we offer is from carefully selected fruit. Pkt. 20 cts.; oz. \$1.00; ¼ lb. \$3.00.

TOMATO, Lister's Prolific. This variety combines all the essential qualities of productiveness, size, flavor and color; whether planted out or grown in greenhouse it has proved a remarkably valuable variety. The clusters of fruit are borne in great profusion and are remarkable for the number they carry, which are of medium size, smooth and of a rich scarlet color and of excellent flavor. Pkt. 25 cts.

Thomas J. Grey Co., South Market St., Boston, Mass.

Gentleman:—I wish to say that Lister's Prolific is the best all round forcing tomato I have ever grown. It throws large bunches of smooth, medium-sized fruit, which are highly colored and of a splendid flavor. An exhibit of the tomato made before the Massachusetts Horticultural Society by me on June 23rd, secured a first class certificate of merit. Having grown at various times practically all the most prominent forcing tomatoes, I would place Lister's Prolific easily at the head. For outdoor culture it is also excellent. We picked excellent fruit this season on July 12.

W. N. CRAIG,

Supt. Langwater Gardens, North Easton, Mass.

July 16, 1912

THOMAS J. GREY CO.'S

CHOICE VEGETABLE SEEDS

SEEDS BY MAIL. We deliver free of expense to the purchaser to any point in the United States all seeds quoted in this list at packet, ounce, $\frac{1}{4}$ pound, $\frac{1}{2}$ pound and pound rates, by mail or express at our option. Beans, Peas, Corn, Clover, Grass Seeds, Grains, etc., are quoted net at our store. If these are wanted by mail purchasers will please remit 15 cents per quart or 8 cents per pound to cover cost of postage.

We deliver free by mail in Canada all seeds ordered at packet, ounce and quarter-pound rates. For larger quantities customers will please remit 16 cents per pound to cover postage.

ARTICHOKE (*Artischoke*)

One ounce will produce about 500 plants.

Sow seeds in April in good rich soil, in drills ten to twelve inches apart and about one inch deep. Plants should be protected from freezing during winter, and the following spring they should be transplanted, setting them three feet apart in moist, rich soil. Upon the approach of winter the stems and leaves should be cut away and the bed covered so as to prevent freezing. Artichokes can also be cultivated as annuals by sowing seeds in hotbed in February and producing strong, vigorous plants, which should be transplanted into moist rich soil in May.

	Pkt.	Oz.	$\frac{1}{4}$ Lb.
Large Green Globe. The best variety; heads large and scales tender and excellent.....	\$0.10	\$0.30	\$1.00
Jerusalem Artichoke. (<i>HELIANTHUS TUBEROSUS</i>). Cultivated for its tubers	Qt., .20	Peck, 1.25	

ASPARAGUS (*Spargel*)

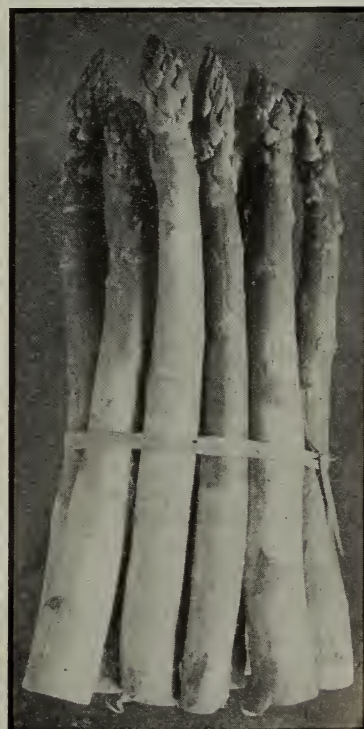
One ounce will produce 200 plants.

A deep, rich, mellow soil is best adapted to the growth of asparagus. It may be grown from seed or propagated by roots. Sow as early in the spring as the ground will admit, in drills from twelve to fourteen inches apart, and cover one inch deep; when the plants are well up, thin to three inches apart in the drills. Keep the plants free from weeds during summer, and protect slightly during winter.

The following spring, the roots will be ready to transplant into]permanent beds; the roots should be set in rows three to four feet apart, and one foot apart in the rows; the crown of the root should be four to six inches below the surface of the ground. A fair crop may be expected the third year from the seed, or in one to two years when roots are used, according to the age of the roots planted. By planting two-year-old roots a fair crop may be obtained in one year, and after that a full crop every year.

	Pkt.	Oz.	$\frac{1}{4}$ Lb.
Conover's Colossal. A standard variety, large and of excellent flavor	\$0.05	\$0.10	\$0.25
Giant Argenteuil. An early, large variety from France. Less likely to rust than others.....	.05	.10	.30
Reading Giant. A variety of recent introduction, very large and free from blight .....	.15	.40	1.50
Palmetto. One of the earliest; of large and fine growth .....	.05	.10	.25

Asparagus Roots. Strong, two-year-old plants. Conover's Colossal and Palmetto, each \$1.00 per 100, \$7.00 per 1000. Giant Argenteuil, \$1.25 per 100, \$10.00 per 1000.



BEANS, DWARF OR BUSH (*Busch-Bohnen*).

One quart will plant 100 feet of drill. One and one-half bushels will plant one acre.

A warm, light soil is best adapted to the growth of Bush Beans, but they will do well in almost any situation, unless it be very wet. Plant in rows two or three feet apart, dropping the beans three inches apart and covering two inches. Keep the ground free from weeds and cultivate often. Never disturb the vines when wet, as the pods will become rusty. All the varieties are tender, and must not be planted until the soil is dry and warm.

If by mail add 15 cents per quart to cover postage.

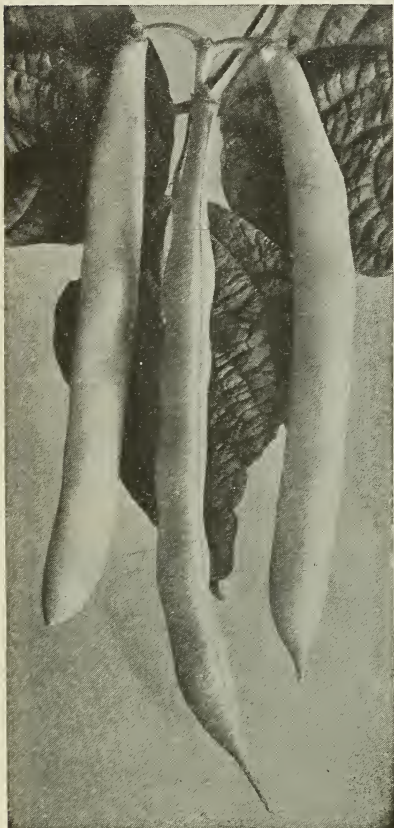
We furnish 10-cent packets of all beans except where noted.

WAX-PODDED VARIETIES

	Pt.	Qt.	Pk.
Black Wax, Improved Prolific. Early, very tender and of good quality.....	\$0.20	\$0.35	\$2.00
Black Wax Pencil Pod. Pods are long, pencil-like, very tender and brittle.....	.20	.35	2.25
Burpee's Kidney Wax. Of excellent quality. Pods long, stringless and free from rust.....			
Currie's Rust-Proof. Pods long, flat, straight and of a waxy-white color; quality excellent.....	.20	.35	2.00
Davis' Kidney Wax. Plant vigorous and of compact upright growth, with pods extra long, straight, oval.....	.20	.35	2.00
Golden Wax. The standard variety for general use; pods long, broad and flat, very fleshy and of finest quality. Vines erect, hardy and productive.....	.20	.30	2.00
Golden Eye Wax. A good yielder and very early; not stringless.....	.20	.30	2.00
Hodson Wax. Very large, brittle, tender wax pods, and very productive.....	.20	.35	2.00
Refugee Wax, Thorburn. Earliest wax bean in cultivation; with long, round, yellow pods.....	.20	.35	2.00
Round Pod Kidney Wax. The pods are long, straight and extremely handsome. It is an exceedingly heavy bearer.....	.20	.35	2.00
Valentine Wax. The earliest of the wax varieties; excellent quality.....	.25	.40	2.25
Wardwell's Kidney Wax. Very long, straight, tender pods. Vines large, vigorous and productive...	.20	.35	2.00

GREEN-PODDED VARIETIES

	Pt.	Qt.	Pk.
Bountiful. Extra early, very prolific and long-bearing; flat, green pods, tender and stringless.....	\$0.20	\$0.30	\$2.00
Broad Windsor. The best English variety; very hardy.....	.20	.30	2.00
Early Long Six Weeks. Early and productive, full flat pods.....	.15	.25	1.75
Early Mohawk. Pods flat, early, hardy, and of good quality.....	.15	.25	1.75
Full Measure. Firm, tender, large, round pods, entirely stringless.....	.20	.35	2.00
Giant Stringless, Green Pod. Color deep green, very long, round fleshy pods; very prolific and entirely stringless.....	.20	.30	2.00
Goddard (Boston Favorite). Fine shell bean, pods large and highly colored.....	.20	.30	2.00
Hodson Green Pod. A green podded form of the Hodson Wax. Large, late and productive.....	.20	.30	2.00
Horticultural Dwarf. A shell bean of fine quality, early and productive.....	.20	.30	2.00
Lima, Burpee's Bush. Best dwarf Lima; beans large and delicious.....	.25	.40	2.25
Lima, Dreer's Bush. Possesses all the good qualities of the Dreer's Pole Lima.....	.30	.50	2.50
Lima, Fordhook Bush. Pods and beans twice the size of Dreer's Lima, and earlier.....	.30	.50	2.50
Lima, Henderson's Bush. Pods and beans small; of excellent quality as a shell bean.....	.25	.40	2.25
Longfellow. Long, straight, round, solid green pods; very early.....	.20	.30	2.00
Low's Champion. One of the best for snap or shell, with stringless, large, green, flat pods.....	.20	.30	2.00
Refugee Extra Early. Pods green, round, quality excellent, extremely early and prolific.....	.20	.35	2.00
Refugee, Late. Very tender and productive; the best variety for pickling.....	.20	.35	2.00
Refugee, Keeney's Stringless. Similar to Late Refugee, but more tender and entirely free from strings.....	.20	.40	2.25
Stringless Green Pod, Burpee's. Extra early, prolific; round pod and stringless.....	.20	.30	2.00
Triumph of the Frames. The earliest French forcing variety.....	.40	.75	
Valentine, Black. Long, round, solid pods; very early.....	.20	.35	2.00



BEANS, DWARF or BUSH, continued

	Pt.	Qt.	Pk.
Valentine Improved. One of the earliest; pods round, thick and fleshy, of finest quality; leading market variety.....	\$0.15	\$0.30	\$1.75
Warren. Pods round, of good size, stringless and tender; excellent quality.....	.15	.30	1.75
Wonder of France. A valuable French variety for forcing.....	.40	.75	

BEANS, POLE or RUNNING (*Stangen Bohnen*)

One quart will plant about 150 hills.

All under this head require poles six to eight feet long, and should not be planted until the ground is warm, as they are more tender than the dwarf varieties. Plant about the middle of May, if the season is suitable. The Lima Beans are very susceptible to cold and wet, and apt to rot in the ground, and should not be planted until all danger from frost is over, and the soil is dry and warm.

If by mail, add 15 cents per quart to cover postage.

We furnish 10-cent packets of all beans, except where noted, free of postage.

	Pt.	Qt.	Pk.
Arlington Red Cranberry. Pods large, very tender, and almost stringless.....	\$0.20	\$0.35	\$2.00
Brockton Pole. Pods five to six inches long, broad, curved and splashed with bright crimson, making them very attractive.....	.20	.35	2.00
Dutch Case-Knife. Very early and prolific; fine shelled, green or dry.....	.20	.35	2.00
Golden Cluster, Dreer's. Pods a beautiful golden yellow, from six to eight inches long, produced in clusters of four to six. The earliest of the pole wax beans, and very productive. Quality excellent.....	.20	.35	2.00
Improved Kentucky Wonder (Old Homestead). Excellent, very productive. Pods a silvery-green color, of large size and entirely stringless.....	.20	.30	2.00
Indian Chief. Fleshy wax pods of an excellent quality.....	.20	.35	2.00
King Horticultural (Worcester). Early and productive. The long, beautifully-colored pods hang in rich clusters. A greatly improved pole horticultural.....	.20	.35	2.00
Lazy Wife. Pods long, stringless and of a rich buttery flavor.....	Pt. .20	Qt. .35	Pk. 2.00
Lima, Carpinteria. A large seeded variety of vigorous growth. Pods large and well filled with beans of excellent flavor..	.25	.50	2.50
Lima, Dreer's Improved or Challenger. An improved Lima, different in shape, being much thicker than the old Lima and superior in quality.....	.20	.35	2.00
Lima, Sieberts Early. An immense yielder and excellent quality.....	.20	.35	2.00
Mont d'Or, or Golden Butter. A strong, vigorous grower, with pods six to eight inches long, in clusters, very thick and fleshy.....	.25	.40	2.25
Runner, Scarlet. Bright scarlet flowers. Used both as a string and shelled bean...	.20	.35	2.00
Runner, White. Very effective planted with the Scarlet Runner.....	.20	.35	2.00

BEET (*Runkel Rube*)

One ounce will sow 50 feet of drill; five to six pounds an acre.

A deep, light, sandy loam that has been well enriched is best adapted to the growth of the Beet. Sow in drills, from April until July, sixteen inches apart, and about one inch deep; thin the plants to about three inches apart. The turnip-rooted are the best, and all early varieties are used extensively for greens.

	Pkt.	Oz.	¼Lb.	Lb.
Bastians Early. Of quick and large growth; bright red color..	\$0.05	\$0.15	\$0.30	\$1.00
Crimson Globe. Early, of globe shape and rich deep crimson flesh.....	.05	.15	.40	1.50



THOMAS J. GREY CO.'S SEED CATALOGUE

BEETS, continued

	Pkt.	Oz.	¼Lb.	Lb.
Crosby's Egyptian. One of the earliest dark-red varieties; fine quality. Very popular among market gardeners.....	\$0.05	\$0.20	\$0.60	\$2.00
Detroit, Dark Red. Round and smooth, deep red; very tender.....	.05	.15	.40	1.50
Dewing's Blood Turnip. Of fine form and flavor, deep red. A desirable variety.....	.05	.15	.40	1.50
Early Eclipse. Early, globe-shaped, dark red, small top, smooth roots.....	.05	.15	.40	1.50
Edmands. Deep blood-red color, round and smooth; excellent quality; highly recommended.....	.05	.15	.40	1.50
Grey's Blood Turnip. One of the very best strains for market gardeners, small top, round, handsome, and very dark red.....	.05	.15	.40	1.50
Long Smooth Blood. Large, late; deep blood-red; good for winter use; sweet and tender.....	.05	.10	.30	1.00
Swiss Chard. The leaves of this variety are used as spinach, and the midrib of the leaf, cooked and served up like asparagus, is delicious.....	.05	.10	.30	1.00

SUGAR BEETS and MANGEL WURZEL

Sow in April or May using six to ten pounds of seed to the acre.

	Oz.	¼Lb.	Lb.
Grey's Prize Long Red Mangel Wurzel. The most largely grown of any of the mangels; roots attain an enormous size, producing thirty to fifty tons to the acre; quality superior, the best for deep soil.....	\$0.10	\$0.20	\$0.75
Golden Tankard Mangel Wurzel. The flesh is bright golden-yellow; very large, and will produce more mangels to the acre than any other variety; excellent for feeding stock.....	.10	.20	.75
Giant Yellow Intermediate Mangel Wurzel. A very large yellow sort, of good quality, and produced in great abundance.....	.10	.20	.75
Improved White Sugar Beet. Grows to a large size, and is useful for making sugar, as well as for stock-feeding.....	.10	.20	.75
Lane's Improved Sugar Beet. Large, hardy, productive and excellent quality.....	.10	.20	.75
Red Globe. Similar to the Yellow Globe except in color.....	.10	.20	.75
Yellow Globe Mangel Wurzel. A large, round, orange-colored variety of excellent quality; good keeper; best for shallow soil.....	.10	.20	.75

BROCCOLI (*Spargel Kohl*)

One ounce will produce 2000 plants.

This vegetable closely resembles the cauliflower. A very rich deep soil is required to grow the broccoli to perfection; the seed should be sown early in the spring, and the plants transplanted into rows three feet apart with two feet between the plants.



	Pkt.	Oz.	¼Lb.
Early Purple Cape. Heads of a greenish-purple color; close and compact, and of fine flavor.....	\$0.05	\$0.40	\$1.00
White Cape. Heads compact, good size, and of a creamy white.....	.05	.40	1.00

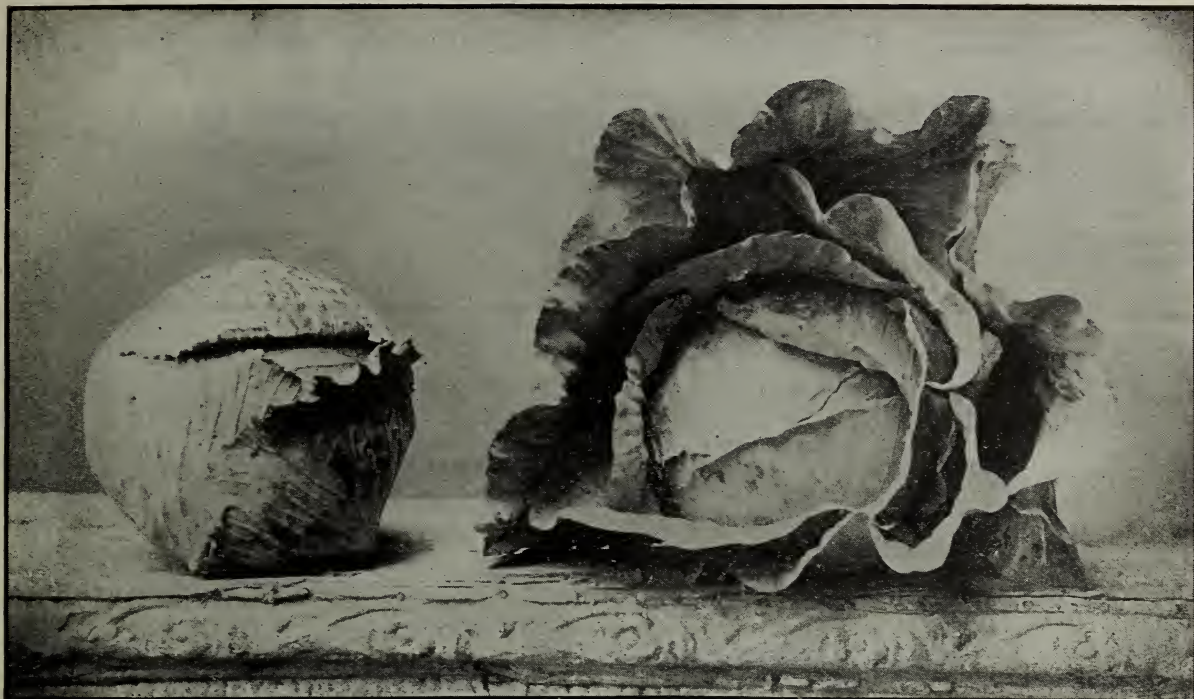
BRUSSELS SPROUTS

(*Sprossen Kohl*)

One ounce will produce 2000 plants.

Cultivated for the small heads that grow from the main stem; these small heads are firm and compact like little cabbages, and are considered a great delicacy by many people. Cultivate the same as cabbage or cauliflower.

	Pkt.	Oz.	¼Lb.
Aigburth. Very large sprouts; hardy and productive.....	\$0.05	\$0.20	\$0.60
Dobbie's Exhibition. Grows taller than the above; is of good quality and very productive.....	.10	.25	.75
Improved Dwarf French. Tender and of fine flavor.....	.05	.20	.60
Long Island Improved. Very compact heads; productive.....	.05	.20	.60



CABBAGE (*Kopfkohl*)

One ounce produces about 3000 plants.

For early use a sowing may be made in the hotbed in February or March; and for winter use seed should be sown in the open ground in May or June. When the plants are five or six inches in height, transplant into rows three to three and one-half feet apart, setting the plants from two to three feet apart in the rows, according to the variety. A deep rich loamy soil is best adapted to the growth of this crop, and if large fine heads are expected, the land must be prepared by very heavy manuring. A handful of wood ashes thrown into the forming heads will not only keep off the cabbage-fly, but will assist the growth of the plants to a considerable extent. Slug Shot is equally effective.

	Pkt.	Oz.	$\frac{1}{4}$ Lb.
All-Seasons. An early drumhead sure heading, solid variety. Desirable for early or fall use.	\$0.05	\$0.30	\$1.00
All-Head. Earliest of the large cabbages; heads uniformly solid.	.05	.30	1.00
American Improved Savoy. The favorite curled Savoy cabbage of finest quality, and an excellent keeper.	.05	.30	1.00
Autumn King. The heads are of enormous size and very solid. It has few outer leaves, and owing to this fact, it is claimed that it will produce a greater weight of crop from the same space of ground than most other late cabbages.	.05	.25	.75
Charleston, or Large Wakefield. This strain is about one week later than early Jersey Wakefield but the heads are fully one-half larger; will not burst when ripe.	.05	.30	1.00
Copenhagen Market. As early as Charleston Wakefield. Very solid. Excellent market sort	.10	.75	2.25
Danish Ball Head. A winter cabbage. Extra hard headed and of fine quality.	.10	.35	1.25
Enkhuisen Glory. An early, large, solid, white variety. One of the best.	.10	.35	1.00
Early Summer, Henderson's. A few days later than Wakefield, rather larger, and more globe-shaped; much used by market gardeners; stands long in head.	.05	.25	.75
Early Jersey Wakefield. One of the most popular, early pointed varieties, good grower;	.05	.30	1.00
Early Spring. The earliest flat-headed cabbage in cultivation; as early as Wakefield. The heads are uniform and very solid.	.05	.30	1.00
Early Winnigstadt. Pointed variety; both for early and late sowing.	.05	.25	.75
Fottier's Brunswick. The standard market variety; a drumhead; grows to a large size; solid, tender, good shape, and a good keeper.	.05	.30	1.00
Globe Curled Savoy. A variety with finely curled leaves, and of delicate flavor; used for fall crop or for winter.	.05	.30	1.00
Mammoth Red Rock. The largest and surest heading red cabbage; heads as large and solid as Flat Dutch and fine grained.	.05	.25	.75

CABBAGE, continued

Marblehead Mammoth. The largest known variety; drumhead; sometimes growing to weigh over fifty pounds; reliable header.....	Pkt. \$0.05	Oz. \$0.25	¼ Lb. \$0.75
Pe-Tsai, Chinese Cabbage. Resembles Cos Lettuce in growth.....	.05	.20	.60
Premium Flat Dutch. A popular and highly esteemed late variety; its keeping qualities are unsurpassed.....	.05	.20	.60
Red Dutch Pickling. Used extensively for pickling purposes; tender, medium size.....	.05	.25	.75
Stone Mason. One of the oldest and best-known varieties; large size; drumhead; grown principally as a late cabbage, and for winter keeping.....	.10	.40	1.25
Succession. A second early sort with large solid heads.....	.05	.25	.75
Cabbage Plants. See page 24.			

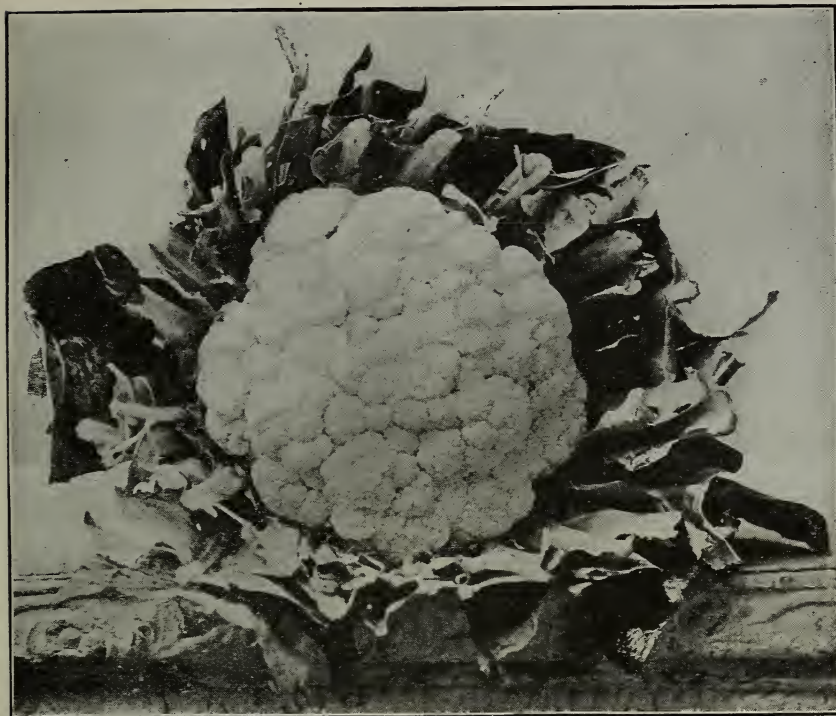
CARROT (*Moehre*)

One ounce will sow 100 feet of drill; three pounds required for one acre.

The carrot flourishes best in a good, light, well-enriched loam. Where there is a choice of situations, heavy and wet soils should be avoided, and preference given to the light and dry. For an early crop sow as soon as the ground is in good working condition; plantings for general crop may be made as late as June, but early sowings succeed best. The early, small-sized varieties may be sown in drills ten inches apart, but the larger sorts require at least eighteen inches between the rows; cover about one-half inch deep, and when the plants are well up, thin to three to four inches apart. As an agricultural root, the carrot is unsurpassed for feeding stock.

We furnish packets of all varieties of carrots at five cents each postpaid.

	Oz.	¼ Lb.	Lb.
Chanteney Half-Long, Stump-Rooted. The best sort for bunching, stump-rooted, and a good color at all stages of growth.....	\$0.20	\$0.75	\$2.75
Danvers Half-Long. The best variety for general crop; is of rich color and a good keeper; yields largely and is easily harvested.....	.25	.75	2.75
Earliest French Forcing. A small round root; the earliest variety and good for forcing under glass.....	.25	.75	2.75
Early Scarlet Horn. A medium-sized root, half-long, of fine color, and much used for cooking; grown for early use, and to sell in bunches.....	.25	.75	2.75
Guerande, or Oxheart. Intermediate length; three to five inches in diameter; fine quality.....	.25	.75	2.75
Half-Long Scarlet Nantes. A stump-rooted variety of fine color.....	.20	.75	2.50
Improved Long Orange. Excellent for stock or table use; roots deep orange, twelve to fifteen inches long.....	.20	.60	2.00
Improved Short White. The largest and heaviest cropping carrot known; the roots are short, very heavy at the shoulder, of uniform shape and smooth.....	.20	.75	2.50



On December 1, 1912, Mr. P. C. Hegarty, gardener for Mrs. C. E. Inches, wrote to us as follows :

"I received a cup for the best collection of vegetables; also a cup for the best bushel of potatoes at the Medfield Grange Fair 1912, and I also received thirteen First and ten Second Prizes. I use your seeds exclusively and attribute a good share of my success to their quality. I have dealt with your firm ten years and have found your seeds always very satisfactory and of superior germination."

CAULIFLOWER (*Blumen Kohl*)

One ounce will produce 3000 plants.

The cauliflower, like the cabbage, requires a deep, rich soil, and seldom succeeds well when grown on land long under cultivation. Sow the seed in the hotbed in March, and transplant into the garden in May; set the plants in rows and cultivate the same as cabbage. If the season is dry, water often, as cauliflowers cannot be grown to perfection without plenty of moisture.

	Pkt.	Oz.	¼Lb.
Early Snowball. Grey's Selected. A favorite variety, very sure to head. This strain has given excellent satisfaction during the many years we have sold it, and we believe no better strain can be found.....	\$0.25	\$3.00	\$10.00
Earliest Dwarf Erfurt. One of the earliest varieties, very dwarf, with large, white, compact heads of finest quality. Excellent for forcing.....	.20	3.00	10.00
Early Dwarf Danish. A choice strain that comes to maturity very evenly; a favorite for first crop with many growers.....	.20	3.00	10.00
Lenormand's Short-Stem. A large, late, short-stemmed variety.....	.10	1.00	2.50
Veitch's Autumn Giant. Heads very large, white and compact; well protected by foliage; will remain suitable for use a long time.....	.10	.50	1.50

CHERVIL (*Kerbel*)

Curled Chervil. Cultivate like Parsley. The young leaves are used for flavoring soups and salads; and are also used for garnishing. Pkt. 5 cts.; oz. 20 cts.; ¼lb. 60 cts.

CHICORY See Endive, page 11.

Large-Rooted Magdeburg. Roots when dried and roasted are used as a substitute for coffee. Pkt. 5 cts.; oz. 20 cts.; ¼lb. 60 cts.

Witloof, or French Endive. Plant in May or June in drills. Thin to six inches apart. Early in the fall the roots should be removed, the tops cut off to within an inch and a half of the neck, the roots made a uniform length of eight or ten inches. They should then be planted in trenches somewhat below the level of the ground. Trenches should be filled with light soil or if a quick growth is desired should be covered with horse manure several inches deep. In about four weeks the leaves will be ready for use. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 30 cts.



CELERY (*Seleri*)

One ounce will produce about 4000 plants.

Sow the seeds in March or April in a hotbed or cold frame. As soon as the plants are three inches high, transplant into a prepared border, setting them four inches apart. When grown six inches, and fine stocky plants, set in richly-manured, deep soil, in rows three and a half feet apart, and about nine inches from plant to plant. Water, if dry weather follows transplanting. During the next two months all the attention required is to keep down weeds. Afterwards earth up a little, and continue doing so at intervals until only the tops of the leaves are visible late in autumn. Never hoe or earth up when the plants are wet.

	Pkt.	Oz.	$\frac{1}{4}$ Lb.
Boston Market. The finest-flavored variety in cultivation; solid, crisp, and of excellent, nutty flavor; dwarf, branching habit; blanches perfectly white; a splendid keeper.	\$0.10	\$0.60	\$2.00
Celeriac, or Turnip-Rooted Celery. Giant Smooth Prague. A variety of celery having turnip-shaped roots, which may be cooked, sliced and used in vinegar, also in soup; cultivated as celery. . . . .	.05	.25	.80
Fin de Siecle. (Thorburn.) One of the largest, heaviest and most solid varieties. Very crisp and an excellent keeper. . . . .	.05	.20	.60
Giant Pascal. Of a fine nutty flavor, entirely free from any bitter taste. It grows about two feet high, the stalks being broad, thick, solid and crisp, with golden-yellow heart. A valuable variety for both second early and winter use. . . . .	.05	.30	1.00
Golden Self-Blanching. Best for early use; color rich golden-yellow; crisp, tender, and of fine flavor; keeps well throughout the season. . . . .	.25	1.75	6.00
New Rose. The finest of its class. Fine flavor, solid, crisp, and entirely free from stringiness; a splendid variety for late use. . . . .	.05	.30	1.00
Pink Plume. Very beautiful on table, flavor delicious; crisp. . . . .	.10	.25	.60
White Plume. Very ornamental; the stalks and portions of the leaves are naturally white, . . .	.10	.25	.60

CRESS, or PEPPERGRASS (*Kresse*)

One ounce will sow 100 feet of drill.

A popular salad, which should be sown early in spring—very thickly in shallow drills—and at short intervals, for succession, as it soon runs to seed.

Extra Curled. The best variety grown; leaves are beautifully cut and curled; highly prized for garnishing. Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 25 cts.

Water. This wholesome salad may be grown in any moist situation, but more successfully by the edge of a running brook. The seed may be sown in May, on the ground where it is intended to be grown and the thinnings transplanted. The plants should be set not less than a foot apart. The cress will be fit for gathering the second year. Pkt. 10 cts.; oz. 40 cts.

CORN, SWEET, or SUGAR (*Welschkorn*)

One quart will plant 200 hills; ten quarts will plant one acre in hills.

We furnish 10-cent packets of all varieties of Sweet Corn free of postage by mail. For other quantities add postage at rate of 15 cents per quart if to go by mail.

Corn requires a mellow, loamy, well-pulverized soil, and frequent hoeings. Plant in hills three feet apart each way, dropping five or six kernels in each hill, or plant in rows three to four feet apart, and thin the plants out to eight or nine inches in the row. From the beginning of May until the middle of July successive planting can be made every two or three weeks, and by properly selecting the varieties a continued supply can be had until frost kills the plants.

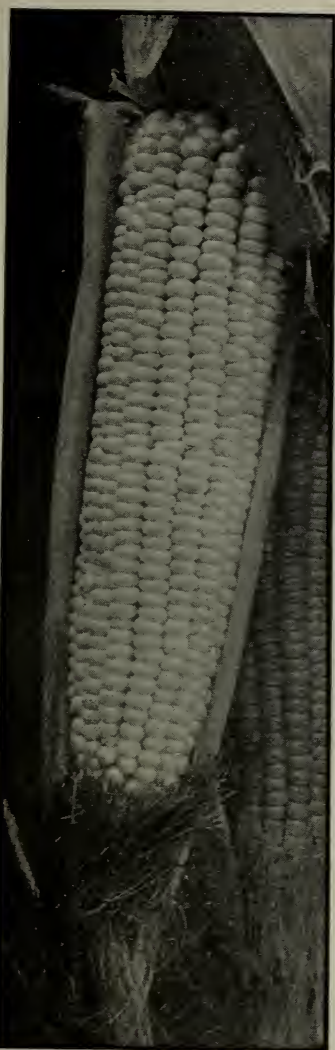
	Pt.	Qt.	Pk.
Black Mexican. One of the sweetest and best varieties; grains black when ripe, but when in condition for the table cooks white.....	\$0.15	\$0.25	\$1.50
Corn, Field and Fodder. See page 25.			
Country Gentleman. Cob small, with deep kernels of pearly whiteness; quality delicious.....	.15	.30	1.75
Early Champion. Early, large, twelve-rowed and of fine quality.....	.15	.30	1.75
Early Crosby. A popular variety; early, good size, and quick growth; white kernels, and one of the best. ....	.15	.30	1.75
Early Cory, Red Cob. A very early variety, with good-sized ears and large grains; excellent for market.....	.15	.25	1.50
Early Cory, White Cob. A selection from Red Cory, being as early and having white kernels.....	.15	.25	1.50
Early Golden. Early, sweet, tender and delicious. Ears of medium size, ten-to-twelve rowed, and of golden yellow color. A superior variety.....	.20	.35	2.00
Golden Bantam. Early, sweet and tender. Smaller than Early Golden; eight-rowed. A favorite variety..	.20	.35	2.00
Grey's Perfection. Earlier than Crosby, grows taller and has much larger ears, very productive, sweet and tender. Especially recommended for market gardeners. ....	.15	.30	1.75
Mammoth. A late variety, with ears of the largest size, twelve-to-sixteen rowed, sweet and of good flavor..	.15	.30	1.75
Moore's Early Concord. Large handsome ears; quality good.....	.15	.25	1.50
Peep-O-Day. This corn has two valuable points—extraordinary earliness and sweetness. It may be used as an early or late variety with equal success.....	.15	.30	1.75
Potter's Excelsior, or Squantum. Medium late; grows to a good height and produces medium-sized, twelve rowed ears of excellent quality. The sweetest white corn. Requires liberal seeding, the germ being delicate. ....	.15	.25	1.50
Quincy Market. Nearly as early as Cory, but larger and sweeter. Valuable for the family garden as well as for market. It is ready for the table as soon as the Crosby which it strongly resembles.....	.20	.30	1.75
Stowell's Evergreen. The finest late variety; ears twelve to sixteen-rowed, very large and remains fit for use longer than any other; the stalks are very tall and valuable for fodder....	.15	.25	1.50
Washington, or Bear's Foot. Medium late variety. One of the best for market. Ears of large size with 16 to 18 irregular rows. Kernels deep and tender.....	.20	.35	2.00

CORN SALAD or FETTICUS (*Ackersalat*)

One ounce will sow 100 feet of drill.

This excellent salad may be had the year round. Sow in September, in drills eight inches apart, covering the seeds lightly and protect from frost by a light covering of hay or litter. The seed may also be sown in spring.

Large-Seeded. The most popular variety grown. Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 30 cts.





CUCUMBER (*Gurke*)

One ounce will plant about 50 hills. One and one-half pounds to one acre.

For very early use seed may be started in heat and the plants set out in May. Pieces of inverted sod are an excellent medium for starting and growing early Cucumber plants, as they can be readily lifted from the hotbed to the garden without disturbing the young plants growing upon them. For main crop, plant in hills four feet apart, in the end of May. Make the hills rich with well-rotted manure, and keep the young plants safe from the striped bug by dusting with dry plaster, or powdered hellebore. Leave four strong plants to each hill.

	Pkt.	Oz.	¼Lb.
Arlington White Spine. One of the finest cucumbers for forcing and one of the most perfect in shape, size, color and quality, and is very brittle and crisp.....	\$0.10	\$0.40	\$1.25
Boston Pickling. The best pickling variety yet introduced; very productive; quick growing, superior color and quality; the most popular variety among the market gardeners.....	.05	.15	.40
Cool and Crisp. Extra early and very prolific; long, straight, slender, and dark green....	.05	.15	.50
Cumberland. Fine pickling variety.....	.05	.15	.50
Davis Perfect. Highly recommended; dark rich green in color, crisp and tender.....	.05	.15	.40
Early Russian. Earliest variety known; fruit small, about five inches long; quality fine.....	.05	.15	.40
Early Frame, or Short Green. Medium size, very early and good for pickling and slicing....	.05	.15	.40
Early Cluster. Fruit small and borne in pairs; light green, great bearer; a standard sort .	.05	.15	.40
Everbearing. Begins to fruit very early, and continues to blossom and set fruit until killed by frost; good as a pickler or slicer.....	.05	.15	.40
Forcing (Private Stock). Longer than our Arlington White Spine, and very uniform in shape and color. Especially recommended for forcing.....	.15	.75	2.50
Improved White Spine. The best variety for table use or for market; retains its color a long time after being picked; very productive.....	.05	.15	.40
Japanese Climbing. Fruit about ten inches long; thick and of fine flavor. Skin dark green, flesh pure white; can be grown on trellises and fences.....	.10	.25	.75
Long Green. Prickly; firm, crisp; dark green; excellent table variety.....	.05	.15	.40
Tailby's Hybrid. Valuable for forcing; grows uniformly straight and smooth; a cross between the White Spine and an English Frame variety.....	.05	.20	.60
West India Gherkin. Used for pickling purposes; a small, oval-shape variety; has the appearance of a burr.....	.10	.25	.75

ENGLISH FRAME VARIETIES

The following are excellent varieties for growing in forcing houses:

Duke of Edinburgh, Rollison's Telegraph, The Rochford. Each per packet 50 cents.

DANDELION (*Lowenzahn*)

One ounce will sow 200 feet of drill; two pounds will sow an acre.

Extensively used as early spring greens, and considered very healthful. Sow seed in May or June, in any good soil, in drills fifteen inches apart, upon beds made smooth with the rake. Cover very lightly and press the earth firmly upon the seed. Cultivate during the summer to keep down the weeds. Cover with litter upon the approach of severe weather, and remove the covering early in spring. If spare frames are at hand, they may be used to advantage by setting them over a portion of the bed, and forcing the dandelions under them, thus forwarding a portion of the crop. Dandelions make an excellent salad if blanched by earthing up, or placing boards to exclude the light.

American Improved. A stocky, thick leaf, hardy variety, grown largely for the Boston market; the best for general use. Pkt. 10 cts.; oz. 50 cts.; ¼lb. \$1.50.

EGGPLANT (*Eirpflange*)**One ounce will produce 1000 plants.**

Sow in hotbeds very early in spring, and transplant when two inches high into a second bed or into small pots. If that is not done, thin to four inches apart. Do not plant out till the weather becomes perfectly settled and warm. Cool nights or wet weather will check them. Keep some back in frames for a second planting, in case of weather changing unexpectedly. Keep plants watered for a few days if the sun is hot when put out. Set out plants three feet by two.

Pkt. Oz.

Black Beauty. Very early and as large as New York Improved. Rich purplish black color	\$0.10	\$0.40
Black Pekin. Fruit globular, almost black in color, fine grained, and delicately flavored.....	.10	.40
Early Long Purple. A very early, hardy and productive variety of good quality .....	.10	.25
New York Improved. A leading market variety; fruit large, oval, very productive .....	.10	.40

ENDIVE (*Chicory*)
(*Endivien*)**One ounce will sow 150 feet of drill.**

A rather moist soil is preferred. Sow early in the spring in drills twelve inches apart, and thin out the plants to ten inches apart in the drill as soon as they are large enough to handle. Before using, the plants must be

blanched, which is accomplished by gathering the leaves to a point at the top and tying them together with matting or any soft material. It makes a most delicious salad.

Pkt. Oz. ¼Lb.

Broad-Leaved Batavian. Leaves broad; light green, and require to be tied up for blanching....	\$0.05	\$0.20	\$0.60
Green Curled. A very hardy, dark green, closely curled variety, tender and crisp.....	.05	.20	.60
Moss Curled Beautifully curled, and when well developed resembles a tuft of moss.....	.05	.20	.60
Witloof. See <i>Chicory</i> , page 7.			

FENNEL, Florence or Naples (*Finocchio di Napoli*)

Sow in spring in rows sixteen to twenty inches apart and thin to five or six inches apart. Water freely. Pkt. 5 cts.; oz. 10 cts.; ¼lb. 35 cts.; lb. 75 cts.

KALE, or BORECOLE (*Blatter Kohl*)**One ounce will produce 1500 plants.**

Of all the cabbage tribe this is the most tender and delicate. Early plants may be started in the hotbed, or the seeds may be sown in the open ground in April or May; transplant in June, into rows, and cultivate the same as cabbage. Sea Kale should be blanched either under large pots or by banking up with sand.

Pkt Oz. Lb.

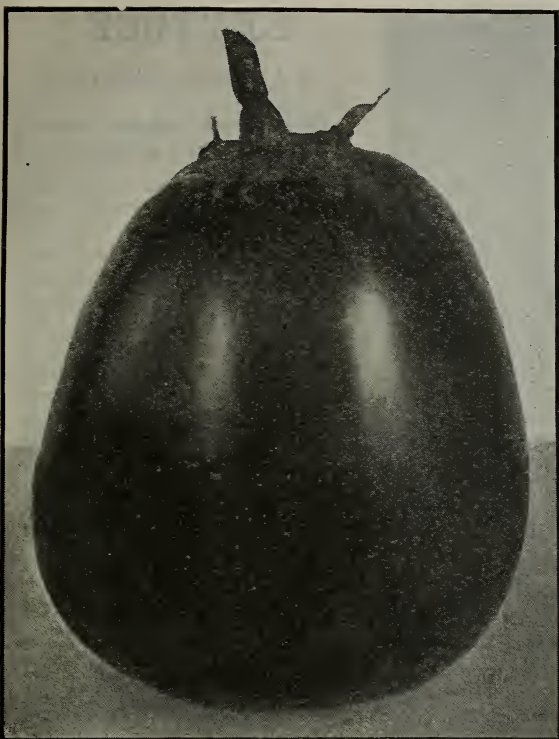
Dwarf Green Curled. One of the best; very hardy and improved by a moderate frost.....	\$0.05	\$0.10	\$0.75
Sea Kale.....	.05	.30	
Winter, or German Greens (Sprouts). Sow in August or early in September in rows one foot apart and cultivate like Spinach. A hardy variety.....	.05	.10	.75

KOHL-RABI**One ounce will sow 200 feet of drill.**

This vegetable, the popularity of which is rapidly increasing, combines the virtues of the turnip and cabbage, but excels both in nutritive, hardy and productive qualities. The seed may be sown in June in rows eighteen inches apart, and the plants thinned out to eight or ten inches.

Purple Vienna. Similar to the following, except in color. Pkt. 5 cts.; oz. 25 cts.; ¼ lb. 75 cts.

White Vienna. The earliest and best table or market variety. Pkt. 5 cts.; oz. 25 cts.; ¼ lb. 75 cts.





LETTUCE

(*Lattich Salat*)

One ounce will produce
about 3000 plants.

Lettuce succeeds best in rich and comparatively moist soil, and is most crisp and tender if grown in cool, moist weather. The more rapidly the plants are grown, the more tender and brittle will be their quality. For early use, sow under glass in February or March, and transplant into a previously prepared hotbed; rows at least twelve inches apart, according to the varieties. Sowings may be made in the open ground as soon as all danger from frost is over; and if a continuous supply is desired during the season, make sowings every two or three weeks, until September.

	Pkt.	Oz.	¼Lb.
All the Year Round. A valuable variety; with compact close heads.....	\$0.05	\$0.15	\$0.40
Big Boston. A most desirable variety either for forcing or open ground planting.....	.05	.20	.60
Boston Curled. A variety highly esteemed for earliness, beauty of form.....	.05	.15	.40
California Cream Butter. Very large, solid heads. White inside.....	.05	.15	.40
Crumpled Leaf. For greenhouses and hot-beds. Heads large with dark green leaves.....	.10	.40	1.25
Deacon. Splendid variety for standing summer heat; large, solid heads, tender, crisp and sweet.....	.05	.20	.60
Defiance. One of the best summer varieties, remaining crisp and tender for a long time.....	.05	.15	.40
French Unrivalled. Suitable for growing at any season. A sure heading variety forming large, compact heads, and slow to run to seed. Similar to Big Boston, being lighter green in color and not tinged with brown.....	.10	.25	.75
Giant Crystal Head. Outside leaves curled, with red edges. Heads large and solid.....	.05	.20	.60
Grand Rapids. Crisp and tender, fine for forcing or outdoor culture.....	.05	.15	.40
Hanson Improved. A superior, curled heading variety of large size, sweet, tender and crisp.....	.05	.15	.40
Hittinger's Belmont Forcing. A choice strain for forcing. Much larger than the White-Seeded Tennisball, and a little later. Quality excellent.....	.10	.50	1.50
Iceberg. A solid heading, large variety of excellent quality.....	.05	.15	.50
May King. Grows quickly and produces globe-shaped heads which are ten to fourteen days earlier than any other, and which stand a long time before going to seed. An excellent variety either for outdoor culture or for the greenhouse.....	.10	.25	.75
Mignonette. Very solid and compact, and of a distinct russet color.....	.05	.15	.50
Prize Head. Large loose heads, tinged with brown.....	.05	.15	.40
Rheingold. Heads large and of a pure golden yellow. An excellent summer lettuce, standing the heat well. Nearly as early as May King which it resembles.....	.10	.30	1.00
Salamander. Fine compact heads, which resist summer heat admirably.....	.05	.20	.60
Simpson Black Seeded. Leaves delicate golden yellow; a superior variety either for forcing or sowing out of doors.....	.05	.20	.60
Simpson Early Curled. Early variety; good for forcing or open ground.....	.05	.15	.60
Tennis Ball, Black Seeded. A very popular sort for open ground culture; forms a handsome head and is crisp and tender.....	.05	.25	.75
Tennis Ball, White Seeded. Extensively grown for forcing and heading under glass, heads firm and good size; very white and crisp.....	.05	.50	1.50
Tom Thumb. A splendid variety for hotbeds and pot culture; compact heads and crisp.....	.10	.20	.60
Wonderful, or New York Cabbage. One of the largest varieties. A wonderful heat resister and a strong grower. Heads solid, crisp and tender.....	.05	.15	.50

ROMAINE or COS VARIETIES

Golden Yellow Cos. Large, solid hearts with bright yellow leaves.....	.05	.20	.60
Paris White Cos. The leaves should be tied up for a few days to facilitate blanching.....	.05	.20	.60
Trianon Self-closing Cos. The finest of the Cos varieties. Leaves long, narrow and erect.....	.05	.20	.60

LEEK (*Lauch*)

One ounce will sow 100 feet of drill.

The Leek is very hardy, and easily cultivated; it succeeds best in a light, but well-enriched soil. Sow as early in spring as practicable, in drills one inch deep and one foot apart. When six or eight inches high, transplant in rows ten inches apart each way, setting them deep, that the neck, being covered, may be blanched.

Carentan, or Musselburgh. A very large variety of superior quality. Pkt. 5 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.

Large Flag Winter. Desirable for market or family use. Pkt. 5 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.

Large Rouen. Grows to a large size and keeps well. Pkt. 5 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.

MARTYNIA (*Gemsenhorn*)

One ounce will plant 100 hills.

Sow in the open ground in May, and thin out the plants to two or three feet apart, or a few seeds may be sown in a hotbed and afterwards transplanted.

	Pkt.	Oz.	$\frac{1}{4}$ Lb.
Proboscidea.	\$0.10	\$0.30	\$1.00

MUSK MELON

(*Melone*)

One ounce will plant 60 hills,
two to three pounds for
an acre.

Cultivate in hills, which should be five to six feet apart each way, and composed of light, moderately rich soil. The hills should be dug about two feet square, eighteen inches deep, and half filled with well-rotted manure, which must be thoroughly incorporated with the soil. Plant in May, six to eight seeds to the hill, and when the plants are well up, thin out to three. Cultivate until the vines cover the ground, and pinch the ends of the growing shoots to induce early fruiting.



GREEN AND YELLOW-FLESHED VARIETIES

	Pkt.	Oz.	$\frac{1}{4}$ Lb.
Arlington Nutmeg. Skin deep green, finely netted, flesh greenish-yellow; rich and sugary....	\$0.05	\$0.15	\$0.50
Bay View. The largest, most prolific, best flavored, and finest cantaloupe in cultivation.	.05	.15	.50
Extra Early Hackensack. Large size, round shape, deeply ribbed, roughly netted; flesh green, very sweet, and highly flavored.....	.05	.15	.50
Long Island Beauty. On style of Hackensack. The earliest and finest in quality, and the most beautiful musk melon.....	.05	.15	.50
Long Yellow. Well-known standard variety; deeply ribbed; flesh yellow; thick and sweet. ...	.05	.15	.50
Miller's Cream. Nearly round, light green netted skin with yellow flesh. Quality good...	.05	.15	.50
Montreal Nutmeg. A thick-fleshed melon of delicious flavor; skin densely netted.....	.05	.15	.50
Rocky Ford. One of the best varieties. Flesh thick and green; very sweet and luscious,....	.05	.10	.30

RED OR SALMON-FLESHED VARIETIES

	Pkt.	Oz.	$\frac{1}{4}$ Lb.
Banquet. Beautifully netted, medium sized; flesh rich salmon; fine quality.....	.05	.15	.50
Burrell's Gem. Medium size. Flesh reddish-orange, thick, fine-grained and juicy.....	.05	.15	.50
Early Christiana. One of the best first early sorts. Very short and deeply ribbed; flesh salmon colored, spicy and delicious.....	.05	.20	.60
Emerald Gem. Small, extra early; smooth ribbed dark green skin, and orange flesh; sweet.	.05	.15	.50
Fordhook (Burpee). Small, very early, of vigorous growth and surpassingly sweet.....	.05	.15	.50
Surprise. Early, oblong, with rich orange flesh of good quality.....	.05	.15	.50

ENGLISH FRAME MELONS

Green Flesh varieties: Sutton's Superb, Perfection, Best of All, Royal Favorite, Royal Sovereign.

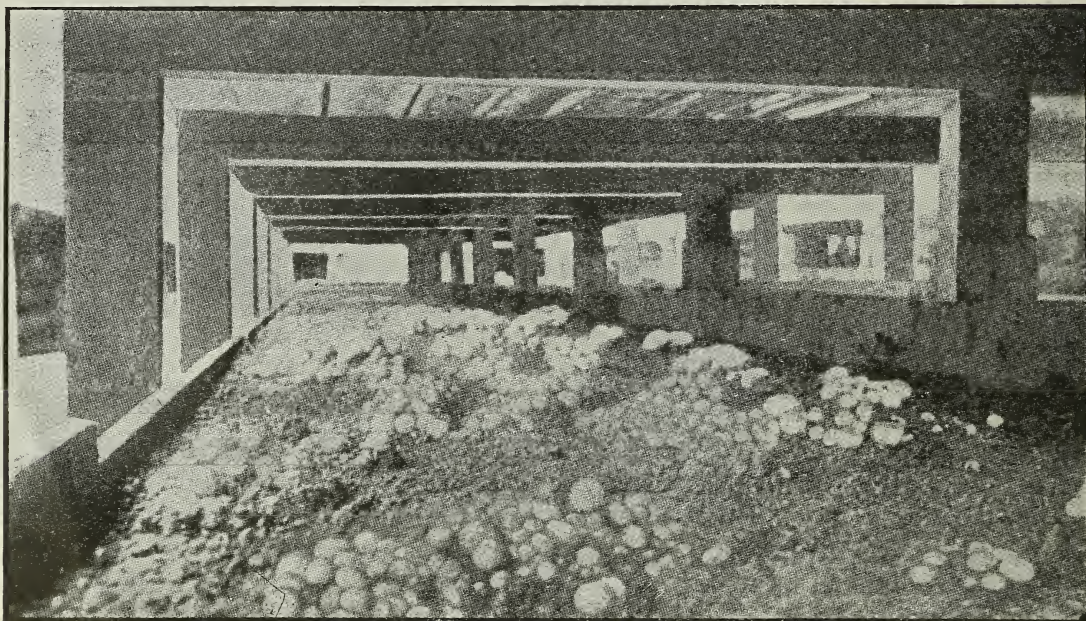
Scarlet Flesh varieties: Blenheim Orange, Sutton's Invincible, Triumph. Each 50 cents per packet.

WATER MELON (*Wasser Melone*)

One ounce will plant 30 hills. Four pounds will plant one acre.

Cultivate in the same manner as Musk Melons, but plant eight to ten feet apart.

	Pkt.	Oz.	¼Lb.
Cole's Early. Very early variety; flesh very deep and sweet; color light green striped.	\$0.05	\$0.10	\$0.25
Colorado Preserving. This is more productive than the common preserving citron, and larger; the flesh is firm and solid. . . . .	.05	.10	.25
Cuban Queen. Beautifully striped, dark and light green; vigorous in growth; flesh bright red, solid, luscious, crisp and sugary. . . . .	.05	.10	.25
Early Fordhook. Extra early, good size, green skin, red flesh. . . . .	.05	.10	.25
Halbert Honey. Dark green skin; flesh crimson, luscious and sweet. Vigorous grower . . . .	.05	.15	.35
Kleckley Sweets. Exceedingly sweet and fine flavored. Scarlet flesh. . . . .	.05	.15	.35
Ice Cream. Fruit round, of medium size; skin pale green; flesh scarlet, crisp and delicious. . .	.05	.10	.25
Mammoth Ironclad. Excellent, of large size; the flesh is deep red and of a delicious rich flavor. Unsurpassed for shipping. . . . .	.05	.10	.25
Mountain Sweet. One of the best for general culture; color dark green, rind thin, flesh scarlet, solid, very sweet and delicious. . . . .	.05	.10	.25
Phinney's Early. An early variety, of medium size; red-fleshed, quite hardy, and very productive; quality excellent. . . . .	.05	.10	.25
Vick's Early. Very early, oblong, medium size, with bright pink flesh, solid and sweet. . . . .	.05	.10	.25

**MUSHROOM** (*Champignon*)

One pound of spawn is sufficient for nine square feet of bed.

Mushrooms are more easily cultivated than many people imagine, and may be grown in any dark room or cellar where the temperature can be maintained at from fifty to sixty-five degrees. For the bed, use a mixture of horse manure and good fresh loam in equal proportions. Before being placed in the bed let this material be thoroughly mixed, and well turned three or four times to sweeten in some dry place. Upon a dry, firm bottom, proceed to make the bed, by spreading a thin layer of the prepared mixture and pound it firm till the bed is eight inches thick. Leave it thus for about a week, or till the temperature of the bed has subsided to ninety or ninety-five degrees. Then make holes about ten inches apart, and put in each a piece of spawn about the size of an egg. Cover the holes and press the soil solid and smooth. Let the bed remain in this condition ten days. Then cover with two inches of fresh loam. Over this place a few inches of straw. If the temperature is right, mushrooms will appear in six to eight weeks from time of spawning. The bed will continue bearing about a month. After the first crop is gathered, spread over the bed an inch of fresh loam, and moisten with warm water. In the event of the surface of the bed getting very dry at any time, it should be moistened freely with water at a temperature of eighty to eighty-five degrees.

If wanted by mail, add 10 cents per pound for postage.

American Pure Culture. Single bricks 25 cts. each. \$15.00 per 100.

English Mushroom Spawn. Made by the best maker in England especially for our trade. Lb. 12 cts.; 50 lbs. \$5.00; 100 lbs \$9.00.

MUSTARD (*Senf*)

One ounce will sow 50 feet of drill.

Green Mustard imparts a delightfully pungent flavor to the various forms of prepared salads. For early crops the seed may be sown in a hotbed in March, and for general crop at frequent intervals through the spring, in drills from eight to twelve inches apart.

Chinese Broad-Leaved. Leaves much larger than the white mustard; flavor pleasantly sweet and pungent.

Can be cooked like spinach. Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 60 cts.

Fordhook Fancy. Very ornamental. Plants of vigorous growth; cook same as spinach. Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 75 cts.

White. Much used for salads; the seed is also used medicinally, and as a seasoning for pickles. Pkt. 5 cts.; $\frac{1}{4}$ lb. 10 cts.; lb. 30 cts.

OKRA or GUMBO (*Essbarren*)

One ounce will sow 40 feet of drill.

This plant is extensively cultivated for its green pods, which are used in soups and stews, and are very wholesome and nutritious. Sow about the middle of May, in drills three feet apart, and thin out the plants to one foot apart.

	Pkt.	Oz.	$\frac{1}{4}$ Lb.	Lb.
Improved Dwarf Green. Very early; smooth pods.....	\$0.05	\$0.10	\$0.30	
White Velvet, or Creole. Pods smooth, of large size, and a creamy white.....	.05	.10	.30	



ONION (*Zwiebel*)

One ounce will sow 100 feet of drill. Four or five pounds to the acre.

The onion thrives best in a light, loamy, mellow, soil; and unlike most kinds of garden vegetables, succeeds well when cultivated on the same land for successive years. The seed should be sown as early in the spring as the ground is in good working condition, in drills fourteen inches apart, and covered one-quarter of an inch deep. Unless the plants stand very thick they need not be thinned out much, as they will crowd each other and find room to grow. Keep free from weeds, but be careful not to disturb the growing bulbs. A top dressing of wood ashes, applied after the second weeding, is very beneficial to this crop, as will soon be observed by the dark and healthy change of color given to the plants. The onions will ripen early in September, and after being gathered and exposed to the sun a few days for drying they will be ready for storing or the market.

	Pkt.	Oz.	$\frac{1}{4}$ Lb.	Lb.
Ailsa Craig. Grows to a large size; very mild flavor; pale yellow. A valuable exhibition variety.....	\$0.10	\$0.40	\$1.25	\$4.00
Barletta. A very early, small, pure white variety, flesh firm and mild in flavor. Excellent for pickling.....	.05	.20	.75	2.50
Danvers Yellow Globe. Our strain of this superior variety is unsurpassed; selected with the greatest care; the true shape and color; a reliable and sure cropper, and the most salable onion in this market.....	.05	.30	1.00	3.00

ONION, continued

	Pkt.	Oz.	¼Lb.	Lb.
Early Red Globe. Of beautiful shape; splendid quality, and an excellent keeper.....	\$0.10	\$0.25	\$1.00	\$3.00
Giant White Italian Tripoli. An excellent, large, white, Italian variety; of quick growth, mild and pleasant flavor.....	.05	.20	.60	2.00
Large Red Wethersfield. The leading red variety of the East; almost round; deep red color; grows to good size and is a good keeper.....	.05	.20	.75	2.50
Mammoth Silver King. Of attractive shape, with silvery-white skin and flesh of a most agreeable mild flavor. It matures quite early and frequently measures twenty inches in circumference.....	.05	.20	.60	2.00
Prize Taker. Of a rich straw color and enormous size, averaging 12 to 14 inches in circumference. Although of such great size it is very hard and an excellent keeper....	.05	.25	.75	2.50
Southport Red Globe. A good late sort. Keeps well.....	.05	.20	.60	2.00
Southport Yellow Globe. A fine large variety. Somewhat later than the Danvers...	.05	.25	.75	2.50
The Queen. A handsome silver-skinned variety; esteemed for its rapid growth, mild flavor, and fine keeping qualities.....	.05	.25	.75	2.50
White Globe. Of mild flavor; good keeper. One of the best.....	.10	.30	1.00	3.00
White Portugal, or Silver Skin. Bulbs of medium size; flattened; skin silvery white; flesh fine-grained and mild flavored.....	.10	.30	1.00	3.00

ONION SETS

Prices Variable.

These are small onions grown the previous year, ripened off and taken up when mere bulblets. They produce a very early crop, and grow in any good soil. Set them three or four inches apart in rows one foot apart. Potato Onions are generally grown from bulbs grown in clusters which are separated when planted.

If ordered by mail add 10 cents per quart to pay postage.

	Qt.	Pk.
Shallots. Much used in soups, salads, etc.....	\$0.30	\$1.50
Potato Onions, White. (Multipliers.) Pure silvery white; very productive and early, and keep remarkably well.....	.30	1.50
Potato Onions, Yellow. These are considered a little earlier than the white and yellow sets.....	.30	1.50

White Sets. The best for general use, early and of fine flavor.....	.30	1.75
Yellow Sets. Preferred by some to white sets; not quite as mild flavored.....	.25	1.25

PARSLEY (*Petersilie*)

One ounce will sow 150 feet of drill.

Parsley succeeds best in rich, mellow soil, and as the seed germinates slowly—sometimes remaining in the earth four or five weeks before the plants appear—the sowing should be made as early in spring as the ground is in working condition. Can also be sown in hotbed in February. When the plants are two or three inches high, thin them out to eight or ten inches apart. The leaves of the curled varieties are used for garnishing, also for flavoring soups and stews.

	Pkt.	Oz.	¼ lb.
Double Curled. Dwarf, finely curled, excellent for table and edgings.....	\$0.05	\$0.20	\$0.60
Fern Leaved. More like crested fern or moss than parsley; grand for table decoration....	.05	.20	.60
Grey's Perfection. Beautifully curled and highly ornamental..	.15	.40	1.25
Hamburg, or Rooted. The roots are used for flavoring.....	.05	.20	.60
Moss Curled. One of the finest varieties for garnishing, on account of its mossy appearance and its bright color.....	.05	.20	.60



PARSNIP (*Pastinake*)

One ounce will sow 100 feet of drill. Five to six pounds to the acre.

Sow in April or early in May, as parsnips require a long season to mature. Their cultivation is otherwise the same as directed for carrots. They may be dug in the autumn and stored for winter use, but if left in the ground till the following spring they are very much improved in flavor. Sow a liberal quantity of seed, as from its nature it does not always come up well.

	Pkt.	Oz.	¼ Lb.
Arlington Long White. A good variety for general use; long and smooth.....	\$0.05	\$0.15	\$0.35
Early Round. The earliest variety in cultivation, of good flavor but of small size.....	.05	.15	.35
Hollow-Crowned. Roots very long, white, smooth and sweet. Excellent flavor.....	.05	.15	.35

PEAS (*Erbse*)

One quart will sow 100 feet of drill. One and one-half bushels per acre.

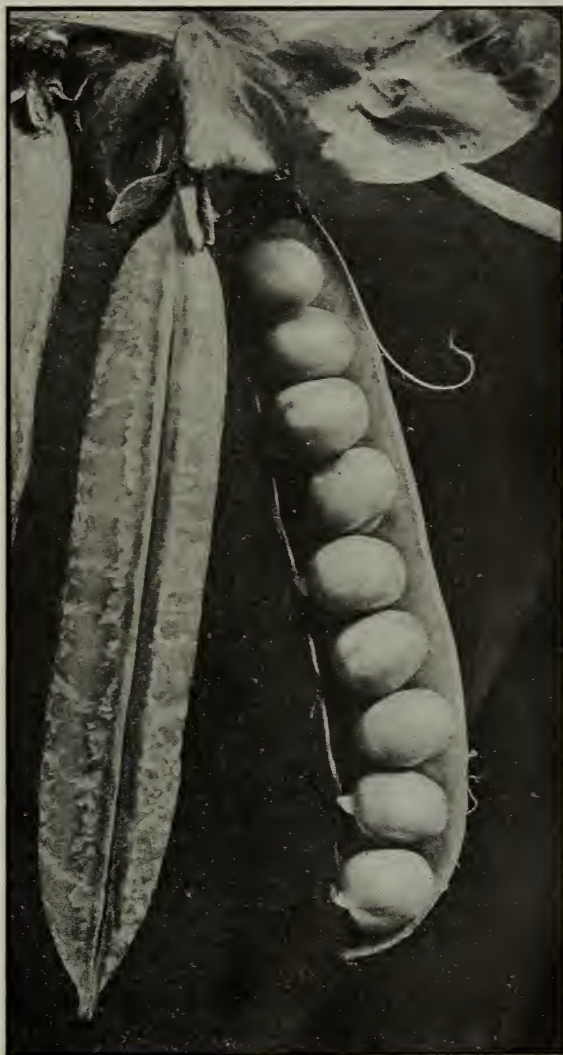
Peas succeed best in light, rich soil; the dwarf varieties require liberal manuring, the tall varieties requiring less; they also succeed best under a low temperature. The early, round, smooth varieties should be planted as early in spring as possible, while the wrinkled sorts, which are more tender, will do better if planted after the ground becomes warmer. Sow in drills, two or three feet apart, according to variety, and cover early sowings about two inches; later plantings should be covered three to four inches. Make the drills deep enough to allow room for the manure, which should be scattered along the bottom of the drill and then covered thinly with soil before sowing the peas so that they will not come in contact with it. Successive plantings can be made every ten days up to the middle of July. For the later plantings the early varieties are preferred.

If ordered to go by mail, add 15 cents per quart to cover postage. We furnish 10-cent packages of all kinds of peas, except where noted, free of postage.

EARLY VARIETIES

	Pt.	Qt.	Pk.
Alaska, or Clipper. A superior blue-seeded variety, very early and productive. A valuable variety, either for private use or for market. Pods well filled. 2½ feet.....	\$0.20	\$0.35	\$2.25
American Wonder, Bliss. One of earliest and sweetest of the dwarf wrinkled varieties.....	.25	.40	2.25
Clauditt. This is very early, prolific, slightly wrinkled and of excellent quality.....	.30	.50	3.00
Duke of York. Large, long pods, well filled with peas of excellent quality. Very early. 2½ to 3 feet.....	.25	.50	3.00
Early Morn. Of Gradus type. Early with large pods, and peas of good flavor. 3 feet.....	.30	.50	4.00

	Pt.	Qt.	Pk.
Extra Early Premium Gem. A dwarf, wrinkled pea of good quality; pods long and of a dark green color; very early; 18 inches.....	\$0.20	\$0.35	\$2.50
First and Best. Very early, and a good yielder. 2½ feet.....	.20	.35	2.25
Gradus (Prosperity). Large, handsome pods, well filled, ripening with the earliest; pods long, straight, slightly rounded at the point. 3 feet.....	.30	.50	3.50
Gregory's Surprise. An early, sweet, tender, wrinkled pea of delicate flavor. Pods two and one-half inches long, round, straight and well filled. 2 feet.....	.30	.50	3.00
Grey's Perfection. One of the earliest peas in cultivation; the pods, which are numerous, contain six or seven good sized peas. Very productive and of fine flavor. 2½ feet.....	.25	.50	3.00
Nott's Excelsior. An improvement on American Wonder, being more vigorous and prolific, with larger pods and more peas. Height 15 inches.....	.25	.45	3.00



PEAS, EARLY VARIETIES, continued

	Pt.	Qt.	Pk.
Sutton's Excelsior. An extra early dwarf wrinkled pea, fully as early as the American Wonder, with much broader pods filled with large peas of the finest flavor. 1½ feet.....	\$0.30	\$0.45	\$3.00
Thomas Laxton. One of the best early wrinkled peas yet produced; very productive with large, well-filled pods. 3 feet.....	.30	.50	3.50

SECOND EARLY AND LATER VARIETIES

Alderman. A large-podded, wrinkled pea of robust habit. Pods four to five inches long, well filled with peas of excellent flavor. 3½ to 4 feet.....	.30	.50	3.50
Black-eyed Marrowfat. Very prolific and of fair quality. 4 feet.....	.15	.25	1.50
Canada Field. See page 28.			
Champion of England. A standard variety; very sweet and delicious. One of the best and most popular. 5 feet.....	.25	.40	3.00
Duke of Albany. (American Champion). Immense pods on style of Telephone; 3 feet.....	.30	.50	3.00
Dwarf Champion. A dwarf form of the popular Champion of England with large pods, very productive; finest quality. 2 feet.....	.30	.50	3.50
Dwarf Defiance. (Sutton.) Pods long, straight, dark green, with peas of good flavor and quality. Very productive. 1½ feet.....	.25	.40	2.50
Dwarf Telephone, or Daisy. Season medium. Pods long, remarkably well filled, color pale green, peas large, tender, and of delicious flavor. 1½ feet.....	.25	.40	2.50
Ever-bearing, Bliss'. A continuous bearing variety, which gives it especial value for late summer and autumn use. Pods, three to four inches long, producing six to eight large wrinkled peas, quality unsurpassed. 2 feet.....	.30	.50	3.50
French Canner. (Petit Pois.) Very prolific with long, slim, curved pods containing seven to nine peas. 3 to 3½ feet.....	.25	.40	2.50
Horsford's Market Garden. On the style of Advancer; very productive and even cropper; pods large and numerous; delicious flavor. 2 feet.....	.25	.40	2.50
Heroine. A medium early green wrinkled pea, large, recurved, showy pods; an immense cropper; finest quality. 2½ feet.....	.25	.40	2.50
Juno. A productive wrinkled variety with long pods, and peas of good quality. 1½ feet.....	.25	.40	2.50
Mammoth Melting Sugar. Best of all the edible podded peas. Pods straight, smooth, brittle and delicious. 3 feet.....	.30	.50	3.50
McLean's Advancer. A very early and prolific dwarf wrinkled pea of finest quality. 2½ feet.....	.25	.40	2.50
McLean's Little Gem. A dwarf green wrinkled pea; rich and sugary, very early, and every way excellent. 1½ feet.....	.25	.40	2.50
Prince Edward. Very prolific and of robust habit. Pods very large and filled with peas of excellent quality.....	.30	.50	3.50
Stratagem. A dwarf, wrinkled, blue marrow, a heavy cropper, and produces large, remarkably well-filled pods of excellent flavor. One of the best. 2 feet.....	.25	.40	2.50
Telephone. Immensely productive, of the finest quality and excellent sugary flavor; the pods are of large size and closely packed with large, delicious peas. 4 feet.....	.25	.40	2.50
Yorkshire Hero. A large dwarf, wrinkled variety, of delicious flavor and great productiveness. 2½ feet.....	.25	.40	2.50

PEPPER (*Pfeffer*)

One ounce will produce about 1500 plants.

Sow in March or April in a hotbed, and transplant into open ground late in May, or early in June, when the weather has become well settled, as the plants are quite tender. Set in rows about two feet apart, and fifteen inches apart in the row. A warm, sandy loam is best suited to their growth.

	Pkt.	Oz.	½Lb.
Cherry Red. A small, round variety; intensely piquant; a rich, glossy red when ripe.....	\$0.05	\$0.25	\$0.75
Chili. Very small, red and pungent. Excellent for pepper sauce.....	.10	.30	1.00
Chinese Giant. Very large, flesh mild and thick.....	.10	.40	1.25
Golden Dawn. A large yellow variety, resembling the Bell in shape. Mild and sweet.....	.05	.25	.75
Large Bell, or Bull Nose. Good for Mangoes; early, sweet, and less pungent than many; one of the best.....	.05	.25	.75
Long Red Cayenne. A long, slim pod, rather pointed, and when ripe of a bright red color; extremely strong and pungent.....	.05	.25	.75
Neapolitan Large Early. The earliest of the large, sweet peppers. Thick meat and productive.....	.10	.30	1.00
Ruby King. Long, about five inches; very thick; fine, mild flavor.....	.05	.25	.75
Squash. Flesh, thick, mild, and pleasant to the taste, though more piquant than some.....	.05	.30	1.00
Sweet Mountain. Grows to large size; shape somewhat like the Bell, but much larger; much used for pickling.....	.05	.25	.75
Sweet Upright. Flesh bright scarlet, thick and sweet; of upright growth.....	.15	.45	1.50

POTATOES (*Kartoffel*)

Eight to ten bushels will plant one acre.

Special quotations on large lots. Prices subject to the changes of the market.

A good, sandy loam produces the best potatoes, but they can be grown on all kinds of soil. New or pasture land, with the turf freshly turned, produces the finest crop. Make furrows of good depth, three feet apart. Scatter a liberal dressing of phosphate or decayed stable manure along the drill, and set the seed about ten inches apart in the rows. Cover with about two inches of soil, and begin to cultivate when the plants are well up. At each successive hoeing, bring additional soil about the plants.

The necessity of changing potato seed is universally admitted by all well-posted growers. By using our Northern Grown Seed you are assured of early maturity, increased yield and a vigorous growth.

	Pkt.	Bu.	Bbl.
Beauty of Hebron. A very productive variety of fine quality; good either as an early or general crop potato.....	\$0.60	\$2.00	\$4.50
Bovee. Early and productive. Fine quality; flesh white and dry.....	.60	2.00	4.50
Clark's No. 1. Similar to Early Rose, and slightly larger. A first-class potato.....	.60	2.00	4.50
Delaware. Tubers large, smooth and of best quality; white and yields well.....	.60	2.00	4.50
Early Rose. The well-known variety; early and prolific.....	.60	2.00	4.50
Gold Coin. Tubers oblong, skin white; quality excellent, and a large yielder.....	.65	2.25	5.00
Green Mountain. We can recommend this variety as one of the best for all purposes.....	.60	2.00	4.50
Irish Cobbler. Cream-white color and of excellent quality. A vigorous grower, early, ripens uniformly, and keeps well.....	.60	2.00	4.50
New Queen. Flesh white and quality good; early and productive. In shape and color it resembles the Beauty of Hebron.....	.60	2.00	4.50
Sir Walter Raleigh. A good main crop variety; flesh white, and quality good.....	.60	2.00	4.50

PUMPKIN (*Curbis*)

One ounce will plant 20 hills. One pound 250 hills.

Sow in good soil in May, when the ground has become warm, in hills eight or ten feet apart each way; or in fields of corn, about every fourth hill. The pumpkin is not so particular in regard to soil as the melon or cucumber, but in other respects is cultivated in a similar manner. If planted in hills by themselves, thin out the plants when beginning to run, to three in each hill.

	Pkt.	Oz.	¼Lb.	Lb.
Connecticut Field. A large yellow variety, productive and grown for feeding stock.....	\$0.05	\$0.10	\$0.15	\$0.50
Mammoth. A productive variety, which grows to an immense size, often weighing more than a hundred pounds.....	.10	.20	.60	2.00
Nantucket, or Negro. An exceedingly prolific variety of dark green color. It has a hard shell, and is one of the sweetest pumpkins in cultivation.....	.05	.10	.30	1.00
Sugar. A small fine-grained, sweet pumpkin; very prolific, and a fine table variety....	.05	.10	.25	.60
Winter Luxury. Flesh thick, sweet and excellent for pies.....	.05	.10	.25	.60

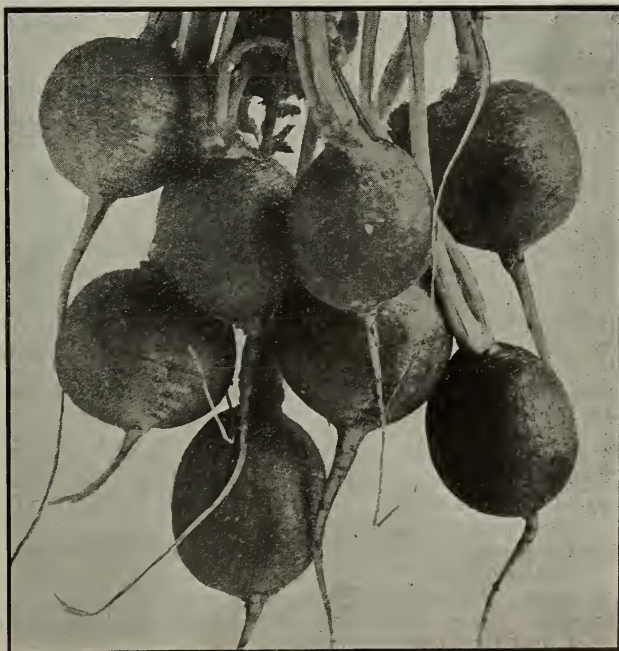
RADISH (*Rettig*)

One ounce will sow 100 feet of drill.

For very early use seeds can be sown in frames in February, making successive sowings every two or three weeks. Sow also in the open ground the last of April in light, rich, sandy soil, selecting a warm or sheltered location. Later sowings can be made at intervals during the summer in a moist location where they can grow quickly. Sow broadcast or in drills. Seeds of Winter Radishes should be sown during mid-summer, and the radishes can be kept during winter if covered with sand and placed in a cool cellar.

Pkt. Oz. ¼Lb.

Chartier Long Scarlet. Large size; clear rose-color with white tips; grows fast; crisp and tender.....	\$0.05	\$0.10	\$0.25
Early Crimson Giant. Grows to a large size without becoming pithy. Excellent for forcing.....	.05	.10	.30
Earliest Forcing Deep Scarlet Turnip. Short-leaved; very early; brilliant red; particularly fine for use in frames..	.05	.10	.30



RADISH, continued

	Pkt.	Oz.	¼Lb.
Early Scarlet Globe. Of distinct shape, brilliant color, crisp and white; excellent for forcing..	\$0.05	\$0.10	\$0.30
Early Scarlet Turnip. Small, round radish, very tender, mild and of quick growth.....	.05	.10	.25
Early Scarlet Turnip, White Tipped. A very early variety; color deep scarlet with white tip, good forcer.....	.05	.10	.25
Early Long Scarlet Short Top. Very long and crisp, valuable for forcing or open ground....	.05	.10	.25
French Breakfast. Scarlet, with white tip, shape nearly oval, good for forcing or summer sowing.....	.05	.10	.25
Icele. Quick growing; clear white. Fine for forcing.....	.05	.10	.25
Long Black Spanish. One of the hardiest and best for winter use.....	.05	.10	.25
Long Brightest Scarlet. Entirely distinct, being a vivid scarlet color, tipped with snow white.....	.05	.10	.25
Olive-shaped Scarlet. A very handsome, quick growing variety, excellent quality.....	.05	.10	.25
Round Black Spanish. Skin black; roots globe shaped; white fleshed and piquant flavor....	.05	.10	.25
Rose China Winter. Bright rose color, flesh firm and fine for winter use.....	.05	.10	.25
Sakurajima. Largest sort in cultivation. Sow early in rich soil. ....	.05	.25	.75
White Box. Good for forcing; pure white and crisp.....	.05	.10	.25
White Turnip. Very early; flesh and skin white; of mild flavor; excellent for summer use....	.05	.10	.25
White Strasburg. Roots oblong, of a pure white color, and mild flavor.....	.05	.10	.25
White Stuttgart. A quick growing variety, of large size, and of good quality.....	.05	.15	.35

RHUBARB (*Rhabarber*)

One ounce will produce about 750 plants.

Rhubarb succeeds best in deep, rich loam; the richer its condition, and the deeper it is stirred, the better, as it is scarcely possible to cultivate too deeply or to manure too highly. It is propagated by seeds, or by division of the roots—the latter being the usual method. Sow the seed in drills eighteen inches apart, and thin out the plants to nine inches apart in the drills. When the plants are one year old transplant into beds, setting the plants five feet apart each way. Do not cut until the second year and give a liberal dressing of manure every fall.

	Pkt.	Oz.	¼Lb.
Linnaeus. The earliest and best for garden use; not as coarse and fibrous as the larger sorts...	\$0.05	\$0.25	\$0.75
Victoria. The variety in general use for the market; yields immense crops.....	.05	.25	.75
Roots, either variety; each 15 cts.; per doz. \$1.50.			

SALSIFY or VEGETABLE OYSTER (*Haferwurzel*)

One ounce will sow 50 feet of drill.

A very delicate and nutritious vegetable, especially esteemed for its peculiar oyster flavor. Sow the seed early in spring, in drills twelve inches apart and one inch deep, thinning out the young plants to six inches. The roots will be ready for use in October, when a supply should be taken up and stored like carrots. Those remaining will suffer no injury by being left in the ground till spring.

	Pkt.	Oz.	Lb.
Long White French.	\$0.10	\$0.20	\$1.50
Mammoth Sandwich Island. Tender and delicious, very superior. ....	.10	.20	1.50

SPINACH (*Spinat*)

One ounce will sow 50 feet of drill. Twenty pounds will sow an acre.

Spinach may be grown on any ordinary soil. It is grown both as a spring and summer crop. For early use, sow in August or September, in drills twelve to fourteen inches apart. At the approach of cold weather cover lightly with straw, or any handy litter. Uncover when the plants begin to make a new growth in spring. For summer use, sow early in spring, in same way as above, using rather less seed. If the plants stand too thick, thin to three or four inches apart. A liberal dressing of good manure should be used. The land can hardly be made too rich.

Packets of any variety at 5 cents each.

	Oz.	¼Lb.	Lb.
Long Standing. Dark green; the longest standing before running to seed.....	\$0.10	\$0.15	\$0.45
New Zealand (<i>Tetragonia expansa</i>). A plant of a different genus, but of similar character and uses as spinach. Makes a low spreading plant from which delicious, tender greens can be gathered the entire summer. May be started in a hotbed and transplanted or sown out-of-doors when the ground is warm, allowing two feet between the plants.....	.15	.35	1.00
Round Thick-Leaved. Leaves large, thick and fleshy; the variety generally grown for market, and equally good for spring or fall sowing. ....	.10	.15	.45
Savoy-Leaved. A valuable variety with wrinkled leaves, resembling the Savoy cabbage; it is very hardy and prolific.....	.10	.15	.45
Triumph. An improved long standing sort.....	.10	.15	.45
Victoria. Large, thick dark green leaves; excellent for spring sowing, heavy cropper; long standing and excellent quality.....	.10	.15	.35



SQUASH (*Speise Kurbiss*)

One ounce of the small seeded variety will plant 40 hills; of large seeded, 15 hills.

Squashes being very tender and sensitive to cold should not be planted until the weather becomes warm and settled. Plant in well-manured hills, in the same manner as cucumbers and melons, the bush varieties three or four feet apart each way, and the running kinds from six to eight feet apart. Sow eight or ten seeds to a hill, thinning out, after they have attained their rough leaves, and danger from bugs is past, leaving two or three of the strongest plants in each hill.

	Oz.	$\frac{1}{4}$ Lb.	Lb.
Bay State. Blue, shell hard; flesh fine and dry, of sweet flavor; bright golden yellow color	\$0.10	\$0.30	\$1.00
Boston Marrow. A fall and winter variety, of oval form, skin thin; when ripe, bright orange; an excellent keeper and of superior quality.....	.10	.25	.75
Canada Crookneck. A small, favorite winter variety, of most excellent quality and very productive; a good keeper.....	.10	.30	1.00
Delicata. Very early, solid, prolific and a good keeper.....	.10	.30	1.00
Delicious. One of the best varieties for table use. It is a fall and winter squash, excellent at all seasons.....	.20	.60	2.00
Early Mammoth White Scalloped. One of the earliest summer squashes; flat scalloped-shaped; light cream color.....	.10	.25	.75
Early Prolific, or Orange Marrow. The earliest and most productive fall and winter squash; color bright orange, flesh dry and sweet.....	.15	.30	1.00
Early Summer Crookneck. Very early variety; long shape and of a bright yellow color ....	.10	.25	.75
Essex Hybrid Turban. Productive, with very hard shell; a solid, heavy, thick-fleshed sort, of excellent flavor, and keeps admirably.....	.15	.40	1.25
Golden Bronze. Dark greyish green; flesh bright golden yellow; fine-grained and sweet.....	.10	.30	1.00
Hubbard. Standard winter squash; grown more extensively than any other late variety; color dark green, shell extremely hard; flesh dry, fine-grained and sweet; excellent keeper...	.15	.40	1.25
Hubbard, Mammoth Warty. A superior strain of mammoth size and entirely covered with warty excrescences. Rich dark green color and of very best quality.....	.15	.40	1.25
Hubbard, Golden. Earlier than Hubbard; color a rich orange red; shell hard and warty.....	.15	.40	1.25
Mammoth Yellow. Grows to an immense size if given good cultivation.....	.15	.40	1.25
Marblehead. Resembles Hubbard, but is earlier; has a gray, hard shell; good winter sort...	.15	.40	1.25
Vegetable Marrow, English. Grows about nine inches long. Pale straw-colored changing to a deeper shade. Flesh white.....	.10	.25	1.00
Vegetable Marrow, Italian (Cocozelle di Napoli). Skin smooth, mottled, dark and light green. Grows from twelve to twenty inches long. Flesh delicate green; quality fine....	.10	.25	1.00
Victor. Orange color, with thick warted shell. Flesh thick and quality good.....	.15	.50	1.50
Warren. Very solid and heavy Turban Squash with rich deep color; very deep flesh, excellent	.15	.40	1.25
Winter Crookneck. Excellent for winter, flesh close-grained, sweet, and of fine flavor.....	.10	.25	.75



TOMATO (*Liebesapfel*)

One ounce will produce 1500 plants.

Seed should be sown in a hotbed about the first week in March, in drills five inches apart. When the plants are about two inches high, they should be set out four or five inches apart in another hotbed, or removed into small pots, allowing a single plant to a pot. About the middle of May the plants may be set out in the open ground; they are planted for early crops on light, sandy soil, at a distance of three feet apart, in hills in which a good shovelful of rotted manure should be mixed. On heavy soil, which is not suited for an early crop, they should be planted four feet apart. Water freely at the time of transplanting, and shelter from the sun for a few days until the plants are established.

	Pkt.	Oz.	¼Lb.
Acme. Rich glossy crimson, tinged with purple; perfectly smooth; one of the earliest.	\$0.05	\$0.25	\$0.75
Atlantic Prize. Very early; bright red; solid, smooth and productive, and of excellent quality . . .	.05	.25	.75
Beauty, Livingston's. Rich, glossy crimson; large size, very smooth and solid. . . . .	.05	.25	.75
Belmont, Improved. An excellent scarlet variety. Early medium size; solid and smooth. . . . .	.10	.30	1.00
Best of All, Sutton's. A good forcing or outdoor variety; deep scarlet, solid. . . . .	.10	.40	1.25
Bonny Best. Early productive. Smooth, solid and uniform in size; scarlet. . . . .	.10	.40	1.25
Chalk's Early Jewell. Large, solid, smooth, bright red variety . . . . .	.05	.30	1.00
Cherry, Red. Small, round fruit, resembling cherries; for preserving. . . . .	.05	.30	1.00
Comet. One of the best for forcing; brilliant scarlet color; medium size, smooth and solid. . . . .	.20	1.00	3.00
Crimson Cushion. An early large brilliant scarlet-crimson variety; smooth and solid. . . . .	.10	.30	1.00
Currant, or Grape. Fruit very small, bright red, in clusters. . . . .	.10	.30	1.00
Dwarf Champion. Of compact, upright growth. Fruit solid, smooth, purplish-red. . . . .	.05	.25	.75
Dwarf Stone. Resembles Dwarf Champion; fruit larger and more prolific; fine color. . . . .	.05	.30	1.00
Early Ruby. One of the earliest large tomatoes and of distinct and handsome appearance. . . . .	.05	.25	.75
Earliana. The earliest red tomato. Very smooth; fine for market. . . . .	.05	.30	1.00
Favorite, Livingston's. A superior tomato. Bright red, smooth, solid and of good size. . . . .	.05	.25	.75
Fig or Pear-Shaped, Red. A small preserving variety of perfect pear shape. . . . .	.05	.30	1.00
Frogmore Selected. A good variety for forcing; medium size, bright red and solid. . . . .	.15	.60	2.00
Golden Queen. The best yellow variety, medium size, smooth and solid. . . . .	.05	.30	1.00
Globe, Livingston's. Very early; large smooth variety. . . . .	.05	.30	1.00
June Pink. Fruit of medium size, uniform, smooth and without core. Bright, pleasing pink. . . . .	.10	.40	1.25
Matchless. Extra large, smooth and solid; bright red. . . . .	.05	.30	.75
Peach. For preserves, pickles, etc. Resembles a peach in color. . . . .	.10	.30	1.00
Perfection, Livingston's. An early variety, of blood-red color; perfectly smooth; ripens uniformly, and bears abundantly until frost; excellent for canning. . . . .	.05	.25	.75
Ponderosa. Very large, solid and of excellent flavor. . . . .	.10	.40	1.25
Stirling Castle. This is one of the best for indoor culture. Round, smooth; delicious flavor. . . . .	.25	1.00	3.00
Stone, Livingston's. Large, bright scarlet, solid, smooth; later than many; very productive. . . . .	.05	.25	.75
Strawberry, or Ground Cherry (Husk Tomato). Useful for preserves. . . . .	.10	.35	1.00
Yellow Plum. Bright lemon-colored, oval, small; useful for preserves. . . . .	.05	.30	1.00

TOBACCO

Connecticut Seed-Leaf. Suited to the climate of the Northern and Middle States. Pkt. 10 cts.; oz. 30 cts.
Havana. Imported seed. Pkt. 10 cts.; oz. 30 cts.

TURNIP (*Rube*)

One ounce will sow 150 feet of drill. One and one-half pounds per acre.

Turnips do best in highly enriched, light, sandy or gravelly soil; sow the earliest varieties as soon as the ground can be worked in the spring, in drills twelve to eighteen inches apart. Seed can also be sown broadcast using one pound to the acre. For a continuous supply through the season sowings should be made every two weeks until the last of July; from which time until the middle of August the principal sowings are made for fall and winter use. Swedish or ruta-baga turnips are largely grown for a farm crop, as well as for the table; make sowings from the tenth of June until the last of July, in drills two to three feet apart, and the plants when well up should be thinned to from eight to ten inches apart. They are best preserved in a pit or cellar during the winter, and are excellent for the table early in spring.

	Pkt.	Oz.	¼Lb.	Lb.
Extra Early Milan, White. A beautiful early variety, with small tops, tender and sweet.....	\$0.05	\$0.15	\$0.40	\$1.25
Golden Ball. Bulb of fine form and bright yellow color; a fine keeper; unsurpassed for table use.....	.05	.10	.25	.75
Long White or Cowhorn. A quick-growing, long-shaped variety; flesh fine-grained and sweet; an excellent sort for table use.....	.05	.10	.20	.60
Milan Early, Purple Top. The earliest of the white flesh varieties.....	.05	.10	.25	1.00
Purple Top Strap Leaf. A well-known variety, extensively grown both for table and for stock.....	.05	.10	.20	.60
Purple Top White Globe. A handsome globe-shaped variety, valuable for market purposes.....	.05	.10	.25	.75
White Egg. Oval shaped variety for spring or fall sowing; flesh white, firm, fine-grained, mild and sweet.....	.05	.10	.25	.75
Yellow Aberdeen. Hardy, productive, and a good keeper; yellow, flesh firm, good for table use or feeding stock.....	.05	.10	.25	.75
Yellow Stone. An excellent variety for early or late sowing; a good cropper and fine keeper, valuable for table use.....	.05	.10	.25	.75

RUTA-BAGA, or SWEDISH TURNIP

	Pkt.	Oz.	¼Lb.	Lb.
Budlong Swede. A choice strain of the white ruta-baga, earlier than others, and more nearly round in form. Sweet, of excellent flavor and keeps well.....	\$0.05	\$0.10	\$0.25	\$0.75
Carter's Imperial. An excellent sort for either table use or feeding stock. Flesh yellow, solid, firm, sweet and rich.....	.05	.10	.25	.75
Improved American, Purple Top. A Yellow-fleshed, purple-top variety grown for stock or table.....	.05	.10	.25	.75
St. Andrew's. A favorite in Boston market; flesh yellow; fine table sort.....	.05	.10	.25	.75
Shamrock. An excellent variety; grows with small top and very few leaves; a good keeper; desirable either for stock or table use.....	.05	.10	.25	.75
Sweet German. A superior variety for table or stock; flesh firm, sweet and juicy.....	.05	.10	.25	.75
White French. Oval in form, clear white flesh; one of the best winter turnips.....	.05	.10	.25	.75

POT, SWEET, AND MEDICINAL HERBS

Plant in the spring, when the ground is warm, in drills, covering lightly. When the plants are well up, thin out or transplant to about four inches apart. They should be harvested on a dry day just before the blossom develops, dried quickly and bottled, or closely packed in dry boxes with the air entirely excluded.

	Pkt.	Oz.	¼Lb.
Anise (PIMPINELLA ANISUM). Annual. Used for flavoring and garnishing.....	\$0.05	\$0.15	\$0.30
Arnica (ARNICA MONTANA). Perennial. Used in medicine as a narcotic and stimulant.....	.10	2.00	
Balm (MELISSA OFFICINALIS). Perennial. Leaves have a fragrant odor and are used medicinally.....	.05	.30	
Basil, Sweet (OCYUM BASILICUM). Annual. Used for flavoring soups, stews, etc.....	.05	.20	.60
Borage (BORAGO OFFICINALIS). Annual. Leaves are used for flavoring and bees are attracted by the flowers.....	.05	.20	.60
Caraway (CARUM CARUI). Perennial. Used for flavoring confectionery, bread, etc.....	.05	.10	.20
Catnip (NEPETA CATARIA). Perennial. Sometimes used in medicine.....	.10	.50	
Coriander (CORIANDRUM SATIVUM). Annual. Used in the manufacture of confectionery and liquors.....	.05	.20	
Dill (ANETHUM GRAVEOLENS). Biennial. The seeds are aromatic and pungent. Used in pickling cucumbers.....	.05	.15	
Fennel, Sweet (ANETHUM FENICULUM). Perennial. Leaves when boiled are used in sauces.....	.05	.15	

POT, SWEET, AND MEDICINAL HERBS, continued

	Pkt.	Oz.	¼Lb
Fennel, Florence (ANETHUM FÆNICULUM). The roots are boiled, also used as salad.....	\$0.05	\$0.20	
Horehound (MARRUBIUM VULGARE). Perennial. Used medicinally, also for seasoning.....	.05	.25	
Hyssop (HYSSOPUS OFFICINALIS). Perennial. Used medicinally. The leaves have a pungent taste.....	.05	.25	
Lavender (LAVANDULA VERA). Perennial. Yields an oil used in medicine and perfumery....	.05	.30	
Lovage (LEVISTICUM OFFICINALE). Perennial. An aromatic stimulant used in medicine.....	.10	.40	
Marjoram, Sweet (ORIGANUM MAJORANA). Annual. Aromatic and fragrant. Much used in flavoring.....	.05	.25	\$0.75
Pennyroyal (HEDEOMA PULEGIOIDES). Annual. An aromatic medicinal herb.....	.10	.75	
Rosemary (ROSMARINUS OFFICINALIS). Perennial. Leaves fragrant, with warm pungent, bitterish taste.....	.05	.40	
Rue (RUTA GRAVEOLENS). Perennial. Has a strong, heavy odor and bitter taste. Used medicinally.....	.05	.20	
Saffron (CARTHAMUS TINCTORIUS). Annual. Flowers are used as a dye stuff and in making rouge.....	.05	.10	.60
Sage (SALVIA OFFICINALIS). Perennial. More used than any other herb for dressings and seasoning.....	.05	.15	.45
Sorrel (RUMEX CRISPUS). Perennial. Used for salads or cooked and served as spinach.....	.05	.20	.60
Summer Savory (SATUREJA HORTENSIS). Annual. Used for flavoring soups and dressings...	.05	.20	.40
Thyme (THYMUS VULGARIS). Perennial. Used for seasoning. Also used medicinally.....	.05	.30	1.00
Wormwood (ARTEMISIA ABSINTHIUM). Perennial. Used medicinally and is beneficial for poultry.....	.05	.20	.60

BIRD SEEDS, Etc.

(Prices variable. Subject to market fluctuations).

	Lb.	100 Lbs.		Lb.	100 Lbs.
Bird Gravel	\$0.10	\$7.00	Millet	\$0.10	\$3.50
Bird Seed, Mixed.....	.10		Parrot Food, mixed, finest.....	.15	3.00
Canary, Sicily.....	.10	7.00	Rough Rice, or Paddy.....	.12	10.00
Cuttle Fish Bone, per lb.....	.40		Rape, German.....	.10	7.00
Hemp, best quality.....	.10	7.00	Rape, English.....	.10	8.00
Maw.....	.25		Sunflower.....	.10	7.00

If wanted by mail add eight cents per pound to cover postage.

VEGETABLE ROOTS AND PLANTS

ASPARAGUS.

Per 100

Conover's Colossal . Strong, two-year-old roots.....	1.00
Palmetto . Strong, two-year-old roots.....	1.00
Giant Argenteuil . Strong, two-year-old roots.....	1.25

ARTICHOKE, JERUSALEM. Quart 20 cts., by mail 10 cts. additional; peck \$1.25.

CABBAGE PLANTS.

Doz. 100

Early Jersey Wakefield	\$0.20	\$1.00
Fottler's Brunswick.....	.15	.60
Globe Curled Savoy.....	.15	.60
Henderson's Summer.....	.20	1.00
Stone Mason.....	.15	.60

CAULIFLOWER PLANTS.

Earliest Erfurt.....	.25	1.50
Early Snowball.....	.25	1.50

CELERY PLANTS.

Boston Market.....	.20	1.00
Golden Self Blanching ..	.20	1.00
Giant Pascal.....	.20	1.00

CHIVES. Per bunch 15 cts. each, by mail 10 cts. additional; doz. \$1.50.

EGG PLANTS.

Doz. 100

Black Pekin	\$1.00	\$6.00
New York Improved	1.00	6.00

HORSE RADISH. Sets or cuttings.....**LETTUCE PLANTS**.....**MINT.** Per box 40 cts.**PEPPER PLANTS**.....

RHUBARB ROOTS.

Linnaeus . Large and early; 15 cents each.....	1.50
Victoria . Largest variety; 15 cts. each.....	1.50
Clumps . Of either variety, 50 cts ea.	

TARRAGON PLANTS (ESTRAGON).

Strong plants, each 25 cts., by mail 5 cts. additional; doz. \$2.75.

TOMATO PLANTS.

Belmont.....	.30	2.00
Dwarf Champion.....	.30	2.00
Perfection, Livingston's.....	.30	2.00
Stone, Livingston's.....	.30	2.00

CEREALS AND MISCELLANEOUS SEEDS

Great care is used in the selection of our seed corn, grain, etc. The prices are those ruling at the time of issuing this list, and may change with the market.

If ordered by mail add 15 cents per quart or 8 cents per pound for postage.

FIELD CORN

	Qt.	Pk.	Bus.
Blount's Mammoth Ensilage. A tall-growing, late variety, with numerous leaves; one of the best for ensilage.	\$0.10	\$0.75	\$2.50
Early Sanford. Ears white; makes a fine quality of meal; good for fodder and ensilage. ....	.15	.75	2.50
Evergreen Sweet Fodder. For cutting green and feeding to stock this variety excels all others in tenderness, sweetness and nutriment. ....	.15	1.00	3.00
Early Canada. One of the earliest yellow varieties; ear small; in ordinary seasons the crop will be fully ripened in August. ....	.15	.65	2.25
Leaming. Yellow dent variety, with large, deep grain of dark orange color; excellent for ensilage. ....	.10	.50	1.75
Longfellow. The standard variety in this section; long ear, small cob, bright yellow color, and medium early. ....	.15	.65	2.25
Pride of the North. The earliest yellow dent corn in cultivation; a safe sort for high latitude	.15	.65	2.25
Stickney. Similar to Longfellow in shape and color, but earlier and more prolific. ....	.15	.75	2.75
Southern Fodder. Grows from ten to fifteen feet high, and produces a rich, heavy growth. ....	.10	.50	1.75

SEED GRAIN

Prices subject to change with the market. A small charge is made for bags which customers will please note when ordering as follows: $\frac{1}{4}$ and $\frac{1}{2}$ bushel 10 cts.; 1 bushel 15 cts.; 2 bushel 22 cts.

Great care is used in the selection of our seed grain. We endeavor to have each kind true to name and free from mixture and foul seeds. Samples and special quotations for large quantities sent on request.

	Per bush.
Barley. Sow one and one-half to two bushels per acre. (48 pounds per bushel.)	
Beardless.	\$2.00
Montana. Choice seed.	2.00
Buckwheat. Sow one bushel per acre. (48 pounds per bushel.)	
Japanese. Very prolific.	1.75
Silver Hull. Makes fine white flour.	1.75
Oats. Sow two to three bushels per acre. (32 pounds per bushel.)	
Canadian Cluster. Heavy, with stiff straw, yields well.	1.50
Montana. A choice white variety.	1.35
Rye. Sow one and one-half bushels per acre. (56 pounds per bushel.)	
Spring. For spring sowing.	2.00
Winter. For fall sowing.	1.75
Wheat. Sow one and one-half bushels per acre. (60 pounds per bushel.)	
Spring. Saskatchewan.	2.50
Winter. Klondyke bald, white grain.	2.50

MILLETS

Prices subject to change with the market.

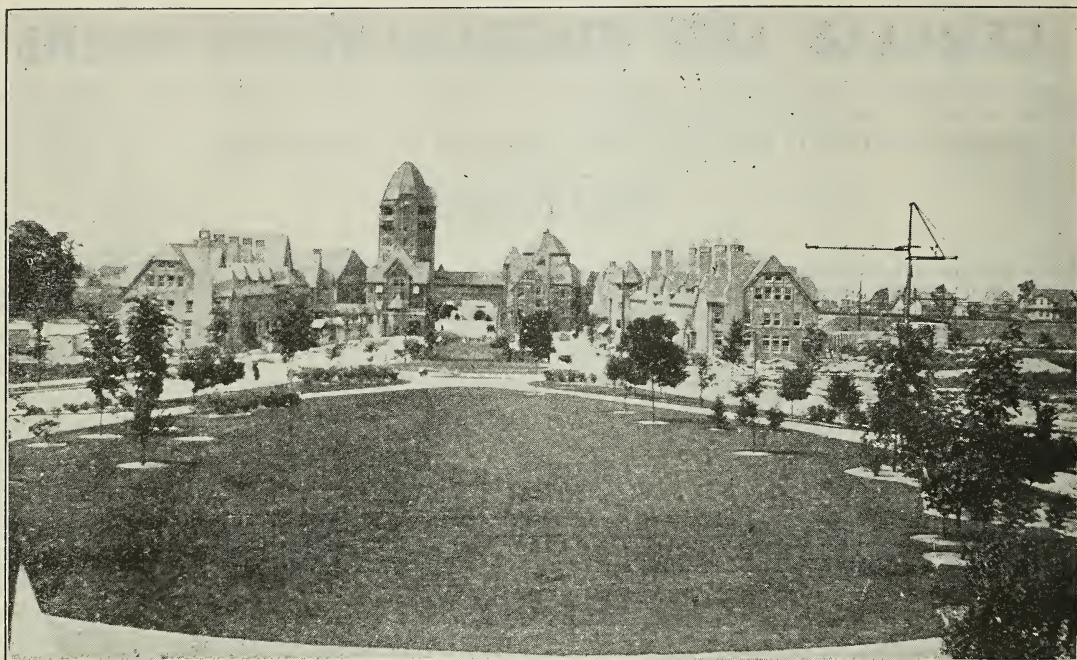
Valuable for green fodder or hay, maturing in fifty to seventy-five days from the time the seed germinates, producing an abundant yield of forage, relished by all kinds of stock; should be sown in June and July. They must be cut while in blossom to make good hay.

German, or Golden. A valuable annual hay and fodder crop, more productive and coarser than the Hungarian; medium early, four to five feet high. Sow one bushel to the acre. Bushel, \$2.50.

Common Millet (PANICUM MILIACEUM). Very early, two to three feet high, foliage broad, heads open, branching panicles. Bushel, \$2.25.

Japanese (PANICUM CRUS GALLI). Grows taller and stools out more freely than the Common Millet; very productive. If sown early and cut, usually produces a good second crop. It has produced in Massachusetts six tons dry hay per acre; highly recommended. Sow twenty pounds per acre. Lb. 8 cts.; bushel \$2.50.

Hungarian Millet (PANICUM GERMANICUM). An annual forage plant, early and productive, growing two to three feet high with an abundance of foliage, often yielding two to three tons per acre. Sow one bushel to the acre Bushel, \$1.75.



Our illustration shows one of the lawns of the SAGE FOUNDATION HOMES CO., FOREST HILLS, L. I., N. Y., where our mixtures are being used with marked success.

LAWNS

The following simple directions may be found useful to those who are not familiar with lawn making.

The soil should be of good depth, moderately rich and in many the land should be carefully drained. Grading should be done and the soil thoroughly pulverized by careful harrowing and raking. Some good fertilizer—pure ground bone, wood ashes or a specially prepared lawn fertilizer should be used. After spreading the fertilizer the surface should be carefully raked and rolled. The rolling often develops uneven spots which should be levelled before the seed is sown. After sowing, the ground should again be lightly raked and rolled.

The selection of seed is important. Use only such mixtures as are free from weed seeds, and such as will produce a firm, strong turf and a fine growth. A liberal quantity is necessary to secure good results (not less than 60 pounds per acre). The best time to make a lawn is from the middle of August through September. If seed is sown at this season the grass will become strong enough to withstand the winter, and a good lawn is assured the following season. If seed cannot be sown at this time it should be sown as early as possible in the spring.

Boston Lawn Grass Seed. This mixture is composed of such varieties as long experience has shown to be adapted to produce a permanent heavy turf. Weighs 16 pounds per bushel. Quart 20 cts.; 4 quarts 75 cts.; peck \$1.25; bushel \$4.00.

Grey's Special Recleaned Lawn Grass Seed. Recleaned seeds only are used in this mixture, and it is as free from weed seeds and chaff as the latest improved seed cleaning machinery can make it, and it is composed of such varieties as make a close and lasting turf. In recommending this grade to our customers we are sure we are recommending a mixture which cannot be excelled for lawn purposes. Weight 32 pounds per bushel. Sow 2 bushels per acre. Per ½ pound 20 cts.; pound 30 cts.; 4 pounds \$1.00; 8 pounds \$2.00; 32 pounds \$7.50

SPECIAL MIXTURES FOR TENNIS-COURTS, GOLF-LINKS AND SHADED LAWNS.

The following mixtures have been used on many prominent golf-courses, etc., in this vicinity, and have given entire satisfaction:

Fair Green Mixtures. For general use on golf-links. Per ¼ bushel \$1.50; per bushel \$5.00.

Putting Green Mixture. A combination of grasses best suited to produce a close, firm and lasting turf, which will endure frequent cutting. Per quart 30 cts.; per ¼ bushel \$1.75; per ½ bushel \$3.25; bushel \$6.50.

Mixture for Shaded Lawns. Fine grasses selected especially for locations partially shaded by buildings or trees. Per bushel of 24 lbs. Per pint 20 cts.; per quart 35 cts.; 4 quarts \$1.25; ¼ bushel \$2.25; bushel \$8.00.

Tennis-Court Mixture. A mixture of fine grasses especially adapted to tennis-courts, which will bear tramping without injury. Per quart 35 cts.; 4 quarts \$1.25; ¼ bushel \$2.25; ½ bushel \$4.00; bushel \$8.00.

CHOICE GRASS SEEDS

Many growers of grass seeds offer several grades of each variety, varying greatly in price. We do not recommend nor do we sell the inferior grades. Those which we offer are strictly **High Grade**, and the prices at which we offer them should not be compared with those quoted for inferior grades.

Prices may change as the season advances. If to go by mail, add eight cents per pound to cover postage.

Awnless Brome Grass (*BROMUS INERMIS*). Recommended for dry, arid soils where other grasses do not grow. In nutritive value is much inferior to many other sorts, but is very permanent and therefore useful for some locations. Per pound 25 cts.; 100 lbs. \$20.00.

Beach Grass (*AMMOPHILA ARUNDINACEA*). Valuable for sowing on railway banks, seashore, etc. Its strong, creeping roots hold the drifting sands, and protect against wind and wave. This grass is usually propagated by transplanting in the fall. When seed is used it should be sown in the spring, and covered with brush until the seed becomes established. Per lb. 70 cts.; per 100 lbs. \$60.00.

Creeping Bent (*AGROSTIS STOLONIFERA*). One of the most valuable lawn grasses because of its short growth and deep-green, fine-leaved foliage. Its stoloniferous roots form a strong, close, enduring turf which is not injured by being frequently walked on. Per lb. 35 cts.; per 100 lbs. \$30.00.

Crested Dogtail (*CYNOSURUS CRISTATUS*). Good for permanent pasture for sheep, is productive and early, suffers but little from dry weather, and is one of the best grasses for lawns; thirty-five pounds to the acre. Per lb. 35 cts.; per 100 lbs. \$30.00.

Hard Fescue (*FESTUCA DURIUSCULA*). Admirable pasture grass of fine quality; thrives well in dry situations; thirty pounds to the acre. Per lb. 30 cts.; per 100 lbs. \$28.00.

Hungarian Grass. See page 25.

Italian Rye Grass (*LOLIUM ITALICUM*). Thrives in any soil, yields an early and abundant crop, valuable for mixing with other pasture grasses; sow fifty pounds per acre. Per lb. 15 cts.; per 100 lbs. \$12.00.

Kentucky Blue (*POA PRATENSIS*). Also called "June Grass"; an early grass of much value; will do well upon any ordinary soil; stands the heat of summer remarkably well. For pastures and lawns it has no superior, giving that peculiar, rich shade of bluish-green so much admired in the best lawns; also making a very close, velvety turf. It is usually sown mixed with other fine grasses; when used alone, 30 to 40 pounds per acre. Blossoms in June. Fancy clean seed. Per lb. 20 cts.; per 100 lbs. \$16.00.

Lime Grass (*ELYMUS ARENARIUS*). Has wide-spreading, thickly-matted roots which tend to hold drifting sands. Valuable for seashore and embankments. Per lb. 60 cts.; per 100 lbs. \$50.00.

Meadow Fescue (*FESTUCA PRATENSIS*). This is excellent for hay when sown with other grasses, such as Orchard grass and Timothy, and is also considered one of the best grasses for permanent pasture on a great variety of soils; sow forty pounds per acre. Per lb. 25 cts.; per 100 lbs. \$22.00.

Meadow Foxtail (*ALOPECURUS PRATENSIS*). One of the best and earliest of pasture grasses; thrives best in moist localities; thirty pounds to the acre. Per lb. 40 cts.; per 100 lbs. \$35.00.

Millet. See page 25.

Orchard (*DACTYLIS GLOMERATA*). One of the earliest grasses; yields immense crops and is excellent for pasture or hay; should be cut as it is coming into bloom, and will produce a heavy second crop; one of the best grasses. Sow forty pounds per acre. Per lb. 20 cts.; per 100 lbs. \$18.00.

Perennial Rye Grass (*LOLIUM PERENNE*). A valuable grass for pastures or meadows, also very valuable where mixed with other grasses for lawns, golf-links, etc. The seed is large and heavy, and produces a good growth in five or six weeks. It is also well suited to a variety of soils, and makes excellent hay when grown with red clover. We offer an extra choice lot of seed. Per lb. 12 cts.; per 100 lbs. \$10.00.

Red Top (*AGROSTIS VULGARIS*). A valuable native permanent grass, growing in almost any soil, moist or dry, but pays well for high cultivation; fourteen to sixteen pounds per bushel. Sow forty pounds per acre, if alone. Per lb. 10 cts.; per 100 lbs. \$9.00.

Red Top Fancy. Clean seed. Absolutely clean and free from chaff; thirty-six pounds per bushel. Per lb. 20 cts.; per 100 lbs. \$18.00.

Red, or Creeping Fescue (*FESTUCA RUBRA*). A creeping rooted grass forming a close and lasting turf. Is especially adapted to dry and sandy soils, resists extreme drought, and is useful for gravelly banks and exposed hillsides. It is also valuable for shaded locations. Per lb. 32 cts.; per 100 lbs. \$28.00.

Rhode Island Bent (*AGROSTIS CANINA*). Resembles Red Top, but is of dwarfer habit. A fine, hardy, very compact grass; very permanent, readily forming a heavy sward; excellent for lawns. Sow four bushels per acre, if alone; (ten pounds per bushel). Per lb. 35 cts.; per 100 lbs. \$30.00.

Rough Stalked Meadow Grass (*POA TRIVIALIS*). A thickly-matted, spreading rooted species, forming a firm fine turf, especially adapted to the shaded parts of lawns. It thrives on moist, rich soils and in sheltered situations. Valuable for permanent pastures. Twenty-six pounds per bushel. Per lb. 55 cts.; per 100 lbs. \$45.00.

Sheep Fescue (*FESTUCA OVINA*). In grass mixtures for high or dry land this is especially valuable, as it thrives on poor, light or gravelly soils. It is very hardy, resisting heat and cold, and is useful in mixtures for fair greens; (sixteen pounds per bushel). Per lb. 30 cts.; per 100 lbs. \$25.00.

Slender Fescue (*FESTUCA TENUIFOLIA*). A variety of Sheep Fescue, but with finer leaves. It will grow on dry, poor soils, and is useful in mixtures for dry banks and slopes; (twenty-two pounds per bushel). Per lb. 50 cts.; per 100 lbs. \$45.00.

Sweet Vernal, True Perennial (*ANTHOXANTHUM ODORATUM*). Useful to mix with other grasses for lawns, in which it is invaluable on account of its early growth and the fragrant odor which it imparts when drying; very hardy and permanent. Per lb. 65 cts.; per 100 lbs. \$55.00.

CHOICE GRASS SEEDS, continued

- Tall Fescue** (*FESTUCA ELATIOR*). Succeeds best on moist, alluvial and strong clayey soils. Is especially valuable for permanent pastures. Stock of all kinds are fond of it, and it is rich in nutritive value; (twenty-two pounds per bushel). Per lb. 35 cts.; per 100 lbs. \$30.00.
- Tall Meadow Oat Grass** (*AVENA ELATIOR*). This grass produces an abundant supply of foliage, and is valuable for pasture on account of its early and luxuriant growth. It shoots up very quickly after being cut, and produces a thick growth of aftermath, which also makes it valuable as a soiling crop; (thirteen pounds per bushel). Per lb. 28 cts.; per 100 lbs. \$23.00.
- Timothy, "Herd's Grass"** (*PHLEUM PRATENSE*). One of the most valuable grasses and more generally used for hay than any other. It prefers a moist, loamy soil, not doing well on light soil. It is generally sown with Red Top and Red Clover, and makes the most valuable hay; (forty-five pounds per bushel). Present price, per lb. 10 cts.; per bushel, \$4.00.
- Various Leaved Fescue** (*FESTUCA HETEROPHYLLA*). Very early, hardy perennial thriving best in cool, moist soils. Valuable in grass mixtures for permanent meadows. It is also useful in shady locations; (fifteen pounds per bushel). Per lb. 32 cts.; per 100 lbs. \$30.00.
- Wood Meadow** (*POA NEMORALIS*). A variety specially suited for the shaded portions of lawns where other grasses do not grow. Very permanent and hardy, resisting extremes of heat and cold. The creeping roots make a strong, firm sod (eighteen pounds per bushel). Per lb. 45 cts.; per 100 lbs. \$40.00.

MISCELLANEOUS SEEDS

Prices subject to change with the market.

- Beans. Soja.** A valuable fodder crop, fed green or as ensilage. **Early Green**, Bushel \$4.50. **Yellow Southern**, Bushel \$3.50.
- Cow Peas.** These are grown extensively in warm countries. Sheep are very fond of them, but their chief value is as a green crop to plow under. One and one-half bushel per acre. Pk. Bush.
- New Era.** One of the best varieties for Northern planting, maturing early and being productive.... \$1.25 \$4.00
- Clay.** Prolific in yield of peas and vine..... 1.25 4.00
- Black.** Very prolific..... 1.25 4.00
- Whippoorwill.** Early..... 1.25 4.00
- Kaffir Corn.** White; excellent for fodder, and the seed is valuable for pigeons. Per lb. 15 cts.; per 100 lbs. \$8.00.
- Peas, Canada Field.** Valuable when sown with oats as a green fodder. Also makes good ensilage. Sow two bushel oats and one bushel peas per acre. Per bushel \$2.50.
- Rape, Dwarf Essex.** Excellent for sheep pastures, also for soiling. If sown in May, pasturing can be had in August. Sow ten pounds per acre, broadcast. Per lb. 10 cts.; per 100 lbs. \$8.00.
- Sorghum, Early Amber** (Sugar Cane). One of the best varieties for Northern latitudes. Per lb. 15 cts.
- Sunflower, Mammoth Russian.** Used for feeding poultry. Per lb. 10 cts.; per 100 lbs. \$7.00.
- Vetches, or Tares, Spring.** (*VICIA SATIVA*.) A pea-like plant grown to some extent for feeding to stock. Frequently sown with oats. Sow one to one and one-half bushel per acre. Market price.
- Vetches, Sand, Winter or Hairy** (*VICIA VILLOSA*). Thrives on poor, arid, sandy soil, and can be sown either in spring or fall. If cut as soon as full grown and before flowering a second growth will be made. Sow forty to fifty pounds per acre. Per lb. 18 cts.; \$9.00 per bushel (60 lbs.).
- Wild Rice** (*ZIZANIA AQUATICA*). Seed should be planted in the fall, but if this cannot be done, the seed should be kept moist until ready to sow. Per lb. 50 cts.

CLOVER SEEDS

Prices subject to change with the market. Add eight cents per pound if wanted by mail.

- Alfalfa, or Lucerne** (*MEDICAGO SATIVA*). The growing of alfalfa in New England has not been attended with much success. In some locations, however, it has proved valuable (where the land and conditions were favorable), and in spite of its tendency to kill out at intervals it is believed to be worthy of trial in well-drained land because of its heavy yield. Seed can be sown in April and May in this latitude, and much later in the South. The land should be deeply ploughed and carefully prepared, twenty to twenty-five pounds of seed per acre are required. Best results are obtained where the seed has been treated with some good nitrogen-gathering bacteria. The land should also be carefully limed. \$0.25 \$23.00
- Alsike, or Swedish** (*TRIFOLIUM HYBRIDUM*). Hardest of all the clovers and on rich, moist soil yields an enormous quantity of hay or pasturage. Valuable for sowing with clovers or grasses, as it forms a thick bottom and increases yield of hay..... .28 25.00
- Crimson Clover** (*TRIFOLIUM INCARNATUM*). An annual variety, largely used in the South for feeding green and for hay. The yield in fodder is large, and after cutting, it at once commences growing again and continues until cut by frost. Sow in April or May; twenty pounds to the acre. Not always hardy in New England. Price variable.
- Red Clover, Medium** (*TRIFOLIUM PRATENSE*). The leading variety of clover for pastures or meadows. Requires deep, rich soil. Sow in spring..... .25 23.00
- Red Northern, or Mammoth.** Grows four to five feet high, and is used to plow under for manure..... .25 23.00
- White Dutch Clover** (*TRIFOLIUM REPENS*). The best variety for lawns, as it forms a close herbage and remains green throughout the season; valuable when mixed with grass seeds for pasture..... .50 45.00

We recommend Farmogerm (Nitrogen-gathering bacteria) for all leguminous plants.

GENERAL LIST OF GREY'S SUPERIOR QUALITY FLOWER SEEDS

Very carefully revised list to which many meritorious and recently introduced sorts have been added and all inferior varieties discarded.

All flower seeds mailed free on receipt of price quoted.

If the number is used when ordering, it will not be necessary to write the name.

No.		Pkt.
5	ABRONIA Umbellata Grandiflora (Sand Verbena). Pretty trailing annual with clusters of sweet-scented rosy pink, verbenalike flowers.....	\$0.10
10	ABUTILON, Prize Mixed (Flowering Maple). Perpetual bloomers and rapid growers, seed sown indoors in March will produce plants that will bloom outdoors during the summer and indoors all winter.....	.15
	ACACIA . Beautiful half-hardy shrubs with pretty ornamental foliage and graceful racemes of yellow flowers. Soak the seed in warm water before sowing. 6 to 10 ft.	
15	Baileyana . Long bright yellow sprays.....	.15
20	Floribunda . Deep yellow.....	.10
25	Lophantha Superba . Fine yellow, delicate foliage.....	.10
30	Finest Mixed Varieties . From a large collection.....	.10
	ACANTHUS . Stately, ornamental hardy perennials, remarkable for their beautiful foliage and curious flowers; in Aug. and Sept. 2 to 4 ft	
35	Mollis . The beautiful foliage of this sort is said to have given rise to the Corinthian style of architecture; flowers white.....	.10
40	Mollis Latifolius . Handsome sort, more robust than the preceding.....	.10
45	ACHILLEA, The Pearl . One of the best hardy perennials, covered with heads of pure white, double flowers from spring till frost, fine for cutting. 1½ ft.....	½ oz., \$1.50
50	ACHIMENES, Superb Mixed . Profuse blooming greenhouse plants, 1 foot high, easily grown, and flowering through the summer. The flowers vary in size, and are of the richest colors.....	.50
	ACONITUM (Monk's Hood). Hardy perennials with long spikes of hood-shaped flowers, excellent for shrubby borders and shady places. June to Sept.	
55	Napellus . Large, deep blue. 3 ft.	¼ oz., .30
60	Napellus White . Large white. 3 ft.	¼ oz., \$1
65	Pyrenaicum . Large yellow. 2½ ft.	¼ oz., .75
70	Finest Mixed . Choice varieties.	¼ oz., .50
	ACROCLINIUM . One of the prettiest and best annual everlastings for cutting fresh or for winter use. For drying they should be cut before fully open and hung in airy room to dry, heads down. 15 inches.	
75	Double Rose	¼ oz., .15
80	Double-White	¼ oz., .15
85	ADENOPHORA Potanini . An extra fine hardy perennial, with large bell-shaped, drooping flowers of a beautiful light blue color. 1½ ft. June and July.....	.25

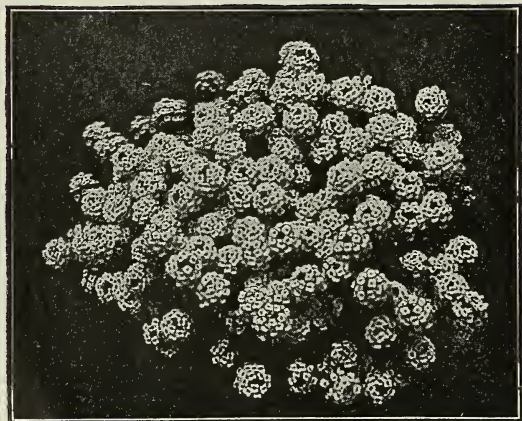
No.		Pkt.
90	ADLUMIA cirrhosa (Mountain Fringe, or Allegheny Vine). Beautiful climber, maidenhair-fern-like foliage, pink flowers; a self-sowing hardy biennial. 15 ft.	\$0.10
	ADONIS . Free-flowering border plants, with showy flowers, of easy culture in any garden soil.	
95	Aestivalis (Flos Adonis). Deep crimson, free-flowering annual. 1 ft. July and August.....	oz., .25
100	Vernalis . Large yellow flowers in May and June. Hardy perennial. 1 ft.	¼ oz., .20
105	AGATHEA coelestis (Blue Marguerite). Free-blooming tender perennial, with blue daisy-like flowers. Fine for winter flowering. 1½ ft .....	.15



Ageratum

	AGERATUM . Effective plants for bedding, covered with bloom throughout the season. Valuable for cutting. Half-hardy annual.	
110	Blue Perfection . Deep blue. 1 ft.	¼ oz., .25
115	Blue Star . Bright light blue. 5 in. ....	.15
120	Imperial Dwarf, Dark Blue . 8 in.	¼ oz., .25
125	Imperial Dwarf, White . 8 in.	¼ oz., .25
130	Lasseauxi . Fine rose. 1½ ft.	¼ oz., .50
135	Little Dorrit . Azure-blue. 8 in.	¼ oz., .25
140	Mexicanum . Large, lilac-blue. 1½ ft.	¼ oz., .15

No.	Ageratum, continued	Pkt.
145	Mexicanum Album Grandiflorum. Large white. 1½ ft. ¼oz., .15	\$0.05
150	Princess Victoria Louise. Bright blue, white center. 8 in. ¼oz., .35	.10
155	AGROSTEMMA Coronaria, Mixed (Mullein Pink). Free-flowering, hardy perennial, with bright crimson and white flowers, fine for cutting. 2 ft. ¼oz., .15	.05
160	Hybrida Walkeri. Large bright rose, hardy perennial. ¼oz., .75	.15
165	Coeli Rosa, Mixed (Rose of Heaven). Fine annual sort with pink and white flowers; fine for cutting. 1½ ft. ¼oz., .15	.05
170	ALONSOA Mixed (Mask Flower). Charming annual, flowering throughout the summer and autumn; easily grown and very desirable. 1½ ft. ¼oz., .15; ½oz., .40	.05
175	ALSTROEMERIA, Finest Mixed. Handsome lily-like hardy perennials, varying from pale yellow to orange-red; fine for cutting. 3 ft. ¼oz., .50	.25



Alyssum (Little Dorrit)

ALYSSUM. Dwarf-growing annuals, blooming profusely throughout the season. The flowers are fragrant and extensively grown for cutting. Fine for beds, borders and vases.

180	Benthami (Sweet Alyssum). White, fragrant, free bloomer. 1 ft. ... oz., .30; ¼lb., \$1	.05
185	Carpet of Snow (White Fleece). Pure white, very dwarf and sweet. 4 in. ¼oz., .25	.05
190	Little Dorrit. A perfect gem for borders or beds, compact, white and sweet. ¼oz., .30	.10
195	Little Gem. White, distinct and very sweet. ½ ft. ¼oz., .20	.05
200	Saxatile compactum (Gold Dust). Valuable hardy perennial for early spring, producing a mass of bright yellow flowers. 9 in. ¼oz., .20	.10
AMARANTUS. Brilliant-foliaged annuals with showy racemes of flowers, very ornamental and excellent for borders and sub-tropical gardening.		
205	Caudatus (Love-Lies-Bleeding). Long, drooping scarlet racemes. 3 ft. oz., .25	.05
210	Cruentus. Spikes of red flowers. 3 ft. oz., .25	.05
215	Salicifolius (Fountain Plant). Long foliage, beautifully variegated. 3 ft. ¼oz., .25	.10
220	Tricolor splendens (Joseph's Coat). Foliage crimson, yellow and bronze. 2 ft. ... ¼oz., .25	.10
225	AMARYLLIS, Special Hybrids (Hippeastrum). Saved from the finest extra large flowering varieties. ....	.50
230	AMBROSIA Mexicana. Sweet-scented annual, useful in bouquets. 1 to 1½ ft. ¼oz., .20	.05

No.		Pkt.
235	AMPELOPSIS Veitchii (Boston Ivy). Popular, rapid-growing, hardy vine. It adheres firmly to stone, brick or wood, foliage turning very brilliant in the autumn. ¼oz., .15	\$0.10
240	ANCHUSA Capensis. Fine azure-blue forget-me-not-like flowers, excellent for cutting. 1 ft. ¼oz., .15	.05
245	Italica, Dropmore Variety. Splendid hardy perennial with beautiful flowers of a lovely Gentian blue; fine for borders or cutting. 4 ft. ¼oz., .75	.15
250	ANEMONE coronaria, St. Brigid. An improved strain of the hardy garden anemone with larger and more brilliant flowers which remain longer in bloom. 1 ft. ....	.15
255	ANTHEMIS Kelwayi (Hardy Marguerite). A most satisfactory hardy perennial, bearing throughout the summer golden yellow daisy-like flowers, excellent for cutting. 2 ft. ¼oz., .25	.10
ANTHERICUM. One of the finest ornamental garden plants, producing freely fine spikes of sweet-scented lily-like flowers throughout the summer. Hardy perennial. 1½ ft.		
260	Liliago (St. Bernard's Lily). White. ¼oz., .60	.15
265	Liliastrium (St. Bruno's Lily). White, with delicate spots; larger than preceding. ¼oz., .60	.15
ANTIRRHINUM. One of the most beautiful and useful bedding plants, blooming profusely throughout the summer. Our seeds of these are grown by a specialist and are noted for the superior quality of their flowers.		
270	Giant Mixed. Finest sorts. 2½ ft. ... ¼oz., .35	.10
275	Giant Rose. 2½ ft. ¼oz., .35	.10
280	Giant Deep Crimson. 2½ ft. ¼oz., .35	.10
285	Giant Scarlet. 2½ ft. ¼oz., .35	.10
290	Giant Striped. A Scotch variety, special	.15
295	Giant White. 2½ ft. ¼oz., .35	.10
300	Giant Yellow. 2½ ft. ¼oz., .35	.10
305	Coral Rose. 2 ft. ¼oz., .25	.10
310	Cottage Maid. Pale rose, white throat...	.15
315	Delicate Pink. Fine shade. ¼oz., .35	.10
320	Fairy Queen. Rich orange-salmon. ¼oz., .35	.10
325	Dwarf Art Shades. New, ranging through pink, orange and terra cotta. 1 ft. ¼oz., .75	.15
330	—Cottage Maid. Pale coral pink, white throat. ¼oz., .40	.10
335	—Golden Queen. Large yellow ¼oz., .35	.10
340	—Rose. Rich bright rose. ¼oz., .35	.10
345	—Queen of the North. Pure white. ¼oz., .35	.10
350	—Mixed. Finest varieties. ¼oz., .30	.10
355	Collection of Six Varieties. Our selection.	.50
AQUILEGIA (Columbine). Beautiful, free-flowering, hardy perennials, blooming profusely through the spring and early summer and of easiest cultivation. Early-sown seed will bloom the same season. 1½ to 3 ft.		
360	Grey's Columbia Hybrids. Special long spurred strain, the colors include the most charming combinations from the brightest to the most delicate tints. ¼oz., \$1	.25
365	Canadensis. Scarlet and yellow native species. ¼oz., .50	.10
370	Chrysantha. Showy bright yellow. ¼oz., .40	.10
375	Chrysantha grandiflora alba. Large pure white. ¼oz., \$1	.25
380	Coerulea (Rocky Mountain Columbine). Splendid large, light blue. ¼oz., \$1	.25
385	Coerulea Hybrida fl. pl. Long-spurred, double-flowering hybrids in fine colors. ....	.25
390	Glandulosa. Large, rich deep blue, with white centre. ....	.25
395	Nivea grandiflora. Pure white. ¼oz., .15	.05
400	Olympica. Large, delicate blue. ¼oz., .25	.10



American Branching Aster

No.	Aquilegia, continued	Pkt.
405	Truncata. Scarlet and yellow... 1/4 oz., .50	\$0.10
410	Mixed Single Varieties..... 1/4 oz., .15	.05
415	Mixed Double Varieties..... 1/4 oz., .20	.05
420	Collection of Six Varieties. Our selection..	.65
425	ARABIS alpina. Hardy perennial with pure white flowers, blooming early in the spring, valuable for edgings and rockwork; will grow well in rather shaded position. 1/4 oz., .25	.10
430	Grandiflora superba. Improved large flowers..... 1/4 oz., 1.00	.15
435	ARALIA sieboldi. A most desirable foliage plant, well suited for the conservatory and for plunging in flower beds during summer 2 to 3 ft.....	.25
440	ARCTOTIS grandis. Handsome annual from South Africa, with large daisy-like flowers white with light blue center, the underside of petals being pale blue. 2 ft. ... 1/4 oz., .30	.10
445	ARGEMONE grandiflora. Large, pure-white, poppy-like flowers; showy. 2 ft. ... 1/4 oz., .20	.05
	ARMERIA (Thrift or Sea Pink). Pretty hardy perennial for edgings, blooming all summer	
450	Formosa. Dark crimson. 1 ft. ... 1/4 oz., .40	.10
455	Formosa alba. Pure white..... 1/4 oz., .40	.10
460	ASCLEPIAS tuberosa. One of the most showy of our summer and autumn-flowering hardy perennials, with umbels of bright orange-colored flowers. 1 1/2 ft. 1/4 oz., .75	.10
465	ASPARAGUS plumosus nanus. Beautiful house plants; the feathery foliage is unrivaled for cutting. 100 seeds \$1	.25
470	Sprengeri. Excellent plant for table decoration or to grow in pots or baskets.... oz., .75	.15
475	ASPERULA azurea setosa. Annual species of woodruff with fragrant, light-blue flowers, blooming through the summer and fine for cutting; it will grow in poor soil or in shaded places. 1 ft. 1/4 oz., .15	.05
480	Odorata (Sweet Woodruff). Hardy perennial, conspicuous in May by its pure-white, sweet-scented flowers. The foliage and flowers when dried retain their fragrance. Grows well under trees. 9 in. ... 1/4 oz., .25	.10
485	Tinctoria. Small, white-flowered perennial, can be used for same purposes as gypsophila 1/4 oz., .25	.10

No.	ASPHODELUS. Showy plants with handsome flower-spikes. They grow well in any soil. Hardy perennial.	Pkt.
490	Albus. Beautiful white. 2 ft. ... 1/4 oz., \$1.50	\$0.25
495	Luteus. Fine yellow, fragrant. 3 ft. 1/4 oz., .30	.10

ASTERS

These are grown from carefully selected stock seeds, and we can with confidence recommend them of superior quality and cannot be surpassed. For best results they should have a good, rich soil and plenty of moisture. As the roots are produced near the surface, a mulching during hot weather is very beneficial. The location of the bed should be changed every year.

AMERICAN BRANCHING, "LATE." Superb free flowering strain with long, strong stems and very large, graceful Chrysanthemum-like flowers, double to the centre. By successive sowings they may be had in bloom from Aug. to late fall. 2 to 2 1/2 ft.

No.		Pkt.
496	Collection of 6 colors. Our selection.....	\$0.50
497	Bright Deep Pink. 1/4 oz., \$0.75; oz., \$2.50	.10
498	Dark Violet, velvety. 1/4 oz., .75; oz., 2.50	.10
499	Enchantress Pink, new..	.25
500	Lavender. 1/4 oz., .75; oz., 2.50	.10
503	Peerless Pink, delicate. 1/4 oz., 1.00; oz., 3.00	.10
505	Purple..... 1/4 oz., .75; oz., 2.50	.10
507	Rich Crimson..... 1/4 oz., .75; oz., 2.50	.10
508	Rich Deep Rose..... 1/4 oz., .75; oz., 2.50	.10
509	Shell Pink..... 1/4 oz., .75; oz., 2.50	.10
510	Snow White..... 1/4 oz., .75; oz., 2.50	.10
512	Mixed. All colors..... 1/4 oz., .75; oz., 2.50	.10

AMERICAN BRANCHING "KING." Distinct from every other variety in the character of its flowers, which are of great size and substance, lasting longer when cut than any other class; the long, narrow petals are folded lengthwise, giving somewhat of a quilled appearance. The stems are exceptionally long and strong. They bloom with the late branching. 2 to 2 1/2 ft.

514	Crimson King. Rich crimson.... 1/4 oz., \$0.75	.10
515	Pink King. Soft lavender pink... 1/4 oz., 1.25	.10
516	Rose King. Bright deep rose.... 1/4 oz., .75	.10
517	White King. Snow White..... 1/4 oz., 1.25	.10
518	Violet King. Rich violet purple... 1/4 oz., .75	.10

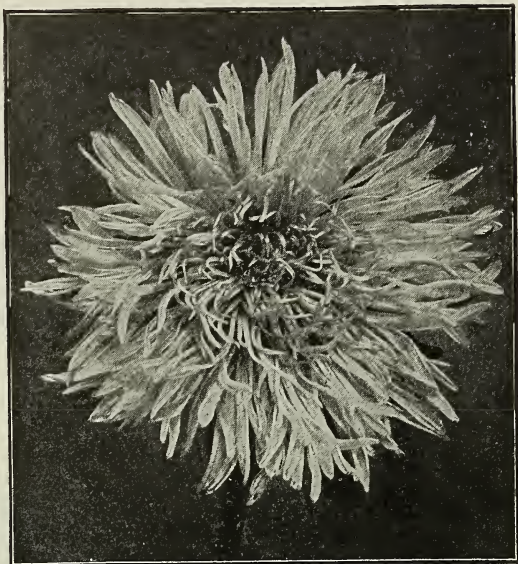
AMERICAN BRANCHING "ROYAL." A new class with broad incurved petals, possessing all the characteristics of the late branching, as to size of flower, vigor of plant, etc., but not quite so tall, as they branch close to the ground; they bloom earlier and are classed with the mid-season varieties. 1 1/2 to 2 ft.

519	Royal Lavender. Beautiful shade 1/4 oz., \$1.50	.15
520	Royal Purple. Rich deep purple... 1/4 oz., 1.50	.15
521	Royal Shell Pink. Soft, delicate pink..... 1/4 oz., 1.50	.15
522	Royal White, Glistening White... 1/4 oz., 1.50	.15

BEDDING, Superb. A splendid double, free-flowering, early variety, excellent for cutting and adapted for beds or masses. The flowers are large, well formed, and resemble the Victoria. 1 ft.

523	Collection of following 5 colors, separate.....	.50
525	Crimson..... 1/4 oz., \$1.50; oz., \$5	.15
528	Dark Blue..... 1/4 oz., 1.50; oz., 5	.15
530	Light Blue..... 1/4 oz., 1.50; oz., 5	.15
532	Rose..... 1/4 oz., 1.50; oz., 5	.15
534	Snow-White..... 1/4 oz., 1.50; oz., 5	.15
536	Finest Mixed..... 1/4 oz., 1.50; oz., 5	.15

COMET, see CREGO'S GIANT, HOHENZOLLERN, LAVENDER GEM and SNOWDRIFT,



Hohenzollern Aster

No. Asters, continued

Pkt.

CREGO'S GIANT. Branching sort of Comet type, large, full, graceful, fluffy flowers through Aug. and Sept. 2 ft.

- 594 **Lavender.** Beautiful soft color. 1/2 oz., \$1 \$0.10
 595 **Pink.** Soft Shell pink. 1/2 oz., 1 .10
 598 **Rose.** Clear bright rose. 1/2 oz., 1 .10
 600 **White.** Pure snow white. 1/2 oz., 1 .10

- 606 **ELECTRIC.** A most distinguished looking flower, with long, thread-like, quilled petals of snowy whiteness forming an airy, graceful bloom of very large size, held erect on strong stems 18 inches high, blooming from early Aug. to late Sept. 1/2 oz., \$1.50 .15

HOHENZOLLERN GIANT (Improved Ostrich Plume). Superb new branching class with enormous flowers on long stems, the petals are curled and twisted, resembling Japanese chrysanthemums; blooming in August and September; excellent for cutting or exhibition. 2 1/2 ft.

- 610 **Collection of following 6 colors, separate** .50
 615 **Crimson.** 1/2 oz., \$1.25 .10
 620 **Dark Blue.** 1/2 oz., 1.25 .10
 625 **Light Blue.** 1/2 oz., 1.25 .10
 630 **Pink.** 1/2 oz., 1.25 .10
 635 **White.** 1/2 oz., 1.25 .10
 640 **Peach Blossom.** 1/2 oz., 1.25 .10
 645 **Finest Mixed.** 1/2 oz., 1.25 .10

HOHENZOLLERN, Early Flowering. Fine strain of this beautiful aster, blooming in July and August. 1 1/2 to 2 ft.

- 650 **Dark Blue.** 1/2 oz., \$1.25 .10
 655 **Light Blue.** 1/2 oz., 1.25 .10
 660 **Rose.** 1/2 oz., 1.25 .10
 665 **White.** 1/2 oz., 1.25 .10

- 670 **IMBRICATED POMPON, Mixed.** Beautiful small-flowered sort, excellent for cutting; midseason. 1 1/2 ft. 1/2 oz., .50 .10

IMPERIAL, "Mid-Season." The best known and most extensively used of all the summer flowering varieties, distinguished by their delicacy of coloring, profusion of bloom and the extreme doubleness of their large flowers which are produced on long, strong stems. 2 ft.

- | No. | Imperial Asters, continued | Pkt. |
|-----|---|--------|
| 672 | Blue Bird. Beautiful light blue. 1/2 oz., \$1.25 | \$0.10 |
| 675 | Daybreak. Delicate shell pink. 1/2 oz., 1.25 | .10 |
| 679 | Lavender. Clear, delicate shade. 1/2 oz., 1.25 | .10 |
| 682 | Rosy Morn. Bright rose. 1/2 oz., 1.25 | .10 |
| 685 | Purity. Snow white. 1/2 oz., 1.25 | .10 |
| 688 | Salmon King. Pinkish salmon. 1/2 oz., 1.25 | .10 |
| 689 | Yellow. Lemon yellow, pink flush 1/2 oz., 1.25 | .10 |

- 690 **LAVENDER GEM.** An early branching sort of the comet type, with large, double, wavy petaled flowers of an exquisite shade of lavender. 2 ft. 1/2 oz., \$1.25 .10

MIKADO. A superior strain of the Comet type, the flowers are large and full, with long, graceful, reflexed petals, the centre ones curling across each other in magnificent disorder. They bloom at mid-season and resemble the Branching Asters in vigor and immense bloom. 2 ft.

- 692 **Blush.** Delicate blush pink. 1/2 oz., \$1.25 .10
 695 **Pink.** (Rochester). Lavender pink 1/2 oz., 1.25 .10
 697 **Rose.** Deep, brilliant rose. 1/2 oz., 1.25 .10
 699 **White.** Immense pure white. 1/2 oz., 1.25 .10

PAEONY FLOWERED PERFECTION. One of the best incurved varieties. Flowers large, full and very double; blooms in August. 2 ft.

- 710 **Blood Red.** 1/2 oz., \$1.25 .10
 725 **Dark Blue.** 1/2 oz., 1.25 .10
 735 **Light Blue.** 1/2 oz., 1.25 .10
 740 **Pink.** 1/2 oz., 1.25 .10
 745 **Snow White.** 1/2 oz., 1.25 .10
 750 **Mixed.** 1/2 oz., 1.25 .10

QUEEN OF THE MARKET. The earliest flowering first-class Aster. Coming into bloom 3 to 4 weeks earlier than other sorts. The flowers are of good size on long stems and extensively grown for cutting. 1 ft.

- 755 **Collection of the following 6 colors.**50
 760 **Crimson.** 1/2 oz., .35; oz., \$1.25 .10
 765 **Dark Blue.** 1/2 oz., .35; oz., 1.25 .10
 770 **Dark Scarlet.** 1/2 oz., .35; oz., 1.25 .10
 775 **Light Blue.** 1/2 oz., .35; oz., 1.25 .10
 780 **Rose.** 1/2 oz., .35; oz., 1.25 .10
 785 **White.** 1/2 oz., .35; oz., 1.25 .10
 790 **Mixed.** All colors. 1/2 oz., .35; oz., 1.25 .10

- 805 **SNOWDRIFT.** One of the earliest and most valuable sorts, coming into bloom in July, with superb, large, snow-white flowers of the Hohenzollern type; very free. 2 ft. 1/2 oz., \$1 .10

VICTORIA IMPROVED. A magnificent class, either for bedding or exhibition, of pyramidal habit, and produce freely during August and September; beautifully imbricated large, double flowers on long stems. 2 ft.

- 820 **Collection of 6 colors.** Our selection .50
 825 **Dark Crimson.** 1/2 oz., \$1.25 .10
 830 **Dark Blue.** 1/2 oz., 1.25 .10
 835 **Dark Scarlet.** 1/2 oz., 1.25 .10
 840 **Delicate Rose.** 1/2 oz., 1.25 .10
 845 **Light Blue.** 1/2 oz., 1.25 .10
 850 **Peach Blossom.** 1/2 oz., 1.25 .10
 855 **Rosy Lilac.** 1/2 oz., 1.25 .10
 860 **Snow White.** 1/2 oz., 1.25 .10
 865 **Mixed.** All colors. 1/2 oz., 1.25 .10

WASHINGTON or GIANT VICTORIA. A superb type with magnificent flowers resembling the Victoria, but much larger and with petals more loosely arranged; excellent for cutting or exhibition. 2 ft.

- 870 **Collection of following 6 colors, separate.**50
 875 **Bright Pink.** 1/2 oz., \$1.50 .10
 880 **Dark Blue.** 1/2 oz., 1.50 .10
 885 **Light Blue.** 1/2 oz., 1.50 .10
 890 **Scarlet.** 1/2 oz., 1.50 .10
 894 **Snow White.** 1/2 oz., 1.50 .10
 895 **White, shaded with rose.** 1/2 oz., 1.50 .10
 900 **Mixed.** 1/2 oz., 1.50 .10

No.		Pkt.	No.		Pkt.
905	Aster, continued DOUBLE MIXED, Columbia Prize. This mixture is especially selected from the finest large flowering, double varieties, which grow about the same height, and includes the best of recent introductions. The colors are beautiful and in great variety. It is without an equal. 1 oz., \$1.25; oz., \$4			BEAN'S Flowering. Popular ornamental climbers with edible pods of delicious flavor. 6 to 8 ft.	
	SINGLE ASTER ELEGANCE. New large-flowered, single sort on long stems with beautifully twisted petals; excellent for cutting. August and September. 1 1/4 ft.	.10	1010	Butterfly Runner. Large, pink and white. lb., \$0.75	.10
910	Deep Rose. 1 oz., .60	.10	1015	Scarlet Runner. Large, brilliant scarlet. lb., .25	.05
915	Deep Blue. 1 oz., .60	.10	1020	White Runner. Large, pure white. lb., .25	.05
920	Lavender. 1 oz., .60	.10		BEGONIA. Tuberous Rooted. Beautiful for bedding purposes giving a most gorgeous display throughout the season, also excellent for conservatory and piazza boxes; easily grown from seed and may be had in bloom in about 6 months. 1 ft.	
925	Pink. 1 oz., .60	.10	1025	Double, Mixed. From a prize collection. . . . .	.50
930	White. 1 oz., .60	.10	1030	Single, Mixed. From newest and finest sorts. . . . .	.50
935	Mixed. 1 oz., .60	.10	1035	Frilled, Single. Beautiful class with fringed edges. . . . .	.50
936	SINGLE ASTER, Southcote Beauty, Mixed. New race, with long, narrow, perfectly formed petals and very small golden centers, resembling the Single Ostrich Plume Aster. The flowers are borne on long, stiff stems about 18 inches high, and include beautiful shades of blue, pink and white. 1 oz., \$1.50	.15	1040	BEGONIA gracilis Alba. Pure white. The gracilis section are perpetual bloomers and valuable for bedding or conservatory. . . . .	.25
	ASTER, Perennial Sorts (Michaelmas Daisies). We have in this class some of the most showy, beautiful and interesting hardy plants grown; their graceful habit, profusion of bloom and great variety of color form the chief attraction of the flower garden throughout the autumn months.		1045	Gracilis Luminosa. Deep scarlet, reddish-brown foliage. . . . .	.25
940	Sub-Coeruleus. A fine species with very large lilac-blue or mauve-colored flowers, 2 to 3 inches across, borne on long stems. It begins blooming quite early. . . . .	.15	1050	—Rosea. Fine rose pink. . . . .	.25
945	White Queen. Free flowering, white. . . . .	.15	1055	Semperflorens Hybrida. A magnificent race, presenting a great variety of colors in foliage and flowers. . . . .	.25
950	Mixed Hybrids, New Large-flowered. This strain contains many beautiful colors, and the flowers which are produced in great profusion afford elegant sprays for cutting. 1 oz., \$1.25	.25	1060	—Erfordia. Bright pink flowers with dark, glossy, green foliage. . . . .	.50
	AUBRETIA. These dwarf hardy perennials are invaluable for the border, rockeries, etc.; they are among the brightest and most free-flowering plants of early spring.		1061	—Erfordia Red. Deep red flowers and dark coppery foliage. . . . .	.50
955	Graeca. Beautiful purple color. . . . .	.25	1065	—Salmon Queen. Brilliant salmon red, foliage dark green with a reddish hue. . . . .	.50
960	Leichtlinii. Rosy red, very pretty. . . . .	.25	1070	—Triumph. Large flowering, snow-white; foliage with reddish-brown reverse. . . . .	.50
	AURICULA. See <i>Primula Auricula</i> .		1075	—Vernon. Orange carmine, dark foliage. . . . .	.25
	BACHELOR'S BUTTON. See <i>Centaurea</i> .		1080	—Vernon Dwarf. Bright red with very dark foliage. . . . .	.25
	BALSAM. These old-fashioned annuals so easily grown are again increasing in popularity, and most beautiful and brilliant effects may be had from them; overcrowding should be avoided and they should be set at least 18 inches apart for best results.		1085	Rex Varieties. Very large variegated foliage, from an extensive collection. . . . .	.25
965	Grey's Columbia Prize. An unsurpassed strain in doubleness, size, brilliancy and variety of color. 1 oz., .50	.15		BELLIS PERENNIS FL. PL. (Double Daisy). Favorite perennials producing in spring their handsome double flowers, and are very effective when planted with pansies or forget-me-nots; rich soil and cool situation suit them best.	
970	Dark Blood Red. Extra. 1 oz., .50	.10	1090	Longfellow. Large, dark rose. 1 oz., \$1.50	.15
975	Intense Scarlet (The King). 1 oz., .60	.15	1095	Snowball. Large, pure white. 1 oz., \$1.50	.15
980	Rich Pink (Prince Bismarck). 1 oz., .60	.15	1100	Monstrosa Alba. Extra large white. . . . .	.25
985	White (Snowball). Superior. 1 oz., .60	.15	1105	Monstrosa Rosea. Extra large rose. . . . .	.25
990	Mixed Rose Flowered. Very double. 1 oz., .25	.10	1110	Finest Mixed. From finest double flowers. 1 oz., \$1.25	.15
995	BALLOON VINE. A rapid-growing annual climber with white flowers and inflated seed vessels which look like miniature balloons. 1 oz., .25	.05		BELVIDERE. See <i>Kochia</i> .	
1000	BAPTISIA AUSTRALIS (False Indigo). Handsome hardy perennial producing bright-blue, pea-shaped flowers on spikes 6 inches long. 2 1/2 ft. 1 oz., .25	.05	1115	BOCCONIA Japonica (Plume Poppy or Tree Celandine). Ornamental hardy perennial with glaucous green foliage and spikes of creamy-white flowers 2 to 3 feet long; grown in clumps or as single specimens they produce a marked effect. 5 ft. 1 oz., .15	.05
1005	BARTONIA Aurea. Showy hardy annual of distinct character, its golden yellow flowers being freely produced; it grows well in partial shade, but should not be crowded. 1 1/2 ft. 1 oz., .15	.05	1120	BOLTONIA Latisquama. One of our showiest hardy perennials with large clusters of lavender-pink, daisy-like flowers. 5 ft. . . . .	.15
				BROWALLIA. Beautiful profuse-blooming bedding plants covered with flowers during summer and autumn; also excellent as a pot plant. 1 1/4 ft.	
			1125	Speciosa Major. Large, brilliant, ultramarine blue; splendid winter-bloomer. . . . .	.25
			1130	Mixed. Shades of blue and white. 1 oz., .25	.10
				BRUGMANSIA. See <i>Datura arborea</i> .	
			1135	BUPHTHALMUM Salicifolium (Ox-Eye). Fine hardy perennial with large golden-yellow flowers on long stems. 2 ft. 1 oz., .40	.10



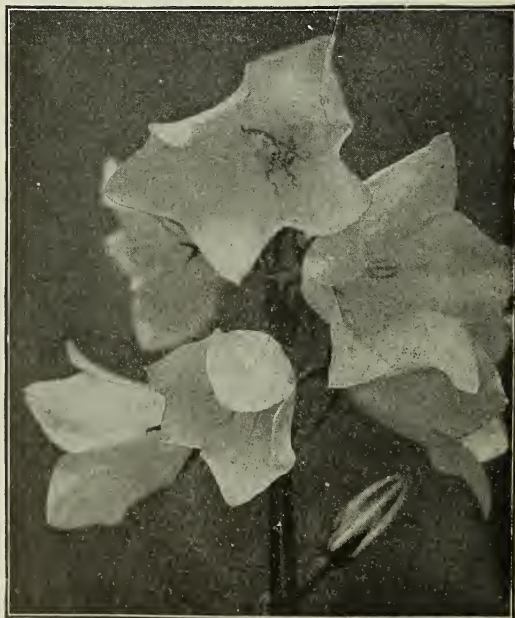
Brachycome (Blue Star)

- | No. | | Pkt. |
|------|---|--------|
| | BRACHYCOME (Swan River Daisy). Pro-fuse flowering, low-growing annual with pretty daisy-like flowers; doing best in warm and dry situations. 9 inches. | |
| 1140 | Blue Star. Beautiful bright blue. $\frac{1}{4}$ oz., .60 | \$0.10 |
| 1145 | Mixed. Shades of blue, white and rose $\frac{1}{4}$ oz., .35 | .10 |
| 1150 | CACALIA Coccinea (Tassel Flower). A neat, free-blooming annual with scarlet tassel-like flowers. All summer. $1\frac{1}{2}$ ft. $\frac{1}{4}$ oz., .20 | .05 |
| 1155 | CACTUS, Mixed Varieties. Succulent plants of curious and ornamental growth with showy flowers. Tender perennials. . . | .25 |
| | CALCEOLARIA. Our seeds are from noted English growers and saved from the finest strains grown, which have been awarded the leading prizes. | |
| 1160 | Covent Garden Strain. Extra choice, strongly recommended for habit, size and marking of flowers. | .50 |
| 1165 | James's Giant Strain. This fine strain is remarkable for its size, rich and varied colors and its free-flowering qualities. | .50 |
| 1170 | Rugosa or Shrubby, Mixed. Choice bedding varieties with innumerable flowers. . . | .50 |
| | CALENDULA Officinalis fl. pl. (Pot Marigold). Valuable hardy annual, the double showy flowers making a grand display for months; suitable for dry places. 1 ft. | |
| 1175 | Lemon Queen. Clear lemon yellow. oz., .25 | .05 |
| 1180 | Meteor. Yellow striped with orange oz., .25 | .05 |
| 1185 | Orange King. Large orange red. . oz., .25 | .05 |
| 1190 | Superba. Rich yellow, dark eye. . oz., .25 | .05 |
| 1195 | Mixed. Shades of lemon and orange oz., .25 | .05 |
| | CALIFORNIA POPPY. See Eschscholtzia. | |
| | CALLIOPSIS or COREOPSIS. Remarkable showy hardy annuals, very continuous in flowering, hardly anything surpassing them in this respect, and most useful for cutting. $1\frac{1}{2}$ to 2 ft. | |
| 1200 | Coronata Maxima. Large, yellow. $\frac{1}{4}$ oz., .15 | .05 |
| 1205 | Drummondii (Golden Wave). Golden yellow with brown centre. $\frac{1}{4}$ oz., .15 | .05 |
| 1210 | Nigra Speciosa. Dark velvety crimson $\frac{1}{4}$ oz., .15 | .05 |
| 1215 | Mixed. Fine varieties. $\frac{1}{4}$ oz., .10 | .05 |
| 1220 | Mixed, Double (Hybrida fl. pl.) . . . $\frac{1}{4}$ oz., .15 | .05 |

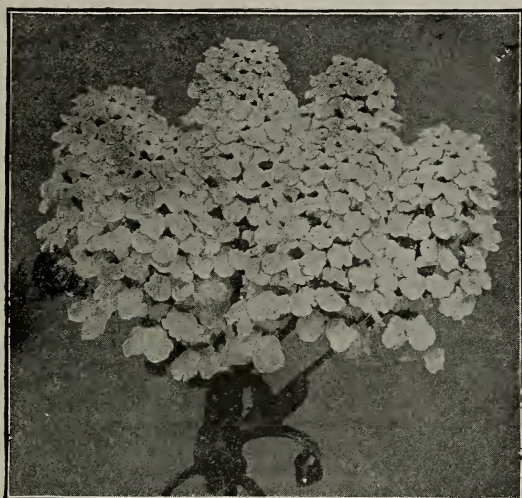
No.

Pkt

- | | | |
|------|--|--------|
| | CALLIOPSIS or COREOPSIS, Hardy Perennial Varieties. Early-sown seed will bloom the same season, but it is better to sow in July and protect lightly in winter. | |
| 1225 | Eldorado. California strain with very large, golden-yellow flowers. $\frac{1}{4}$ oz., .35 | \$0.10 |
| 1230 | Grandiflora. Bright golden yellow $\frac{1}{4}$ oz., .20 | .10 |
| 1235 | Lanceolata. Large bright yellow. $\frac{1}{4}$ oz., .35 | .10 |
| 1240 | CALLIRHOE Involucrata (Poppy Mallow). Showy trailing hardy perennial, with large, bright, crimson, saucer-shaped flowers from early summer till fall; fine for rockeries. 1 ft. $\frac{1}{4}$ oz., .35 | .10 |
| | CAMPANULA (Bellflower). Beautiful, well-known hardy perennial, and one of our most attractive garden flowers, noted for their rich colors and profusion of bloom. | |
| 1245 | Carpatica. Erect blue flowers, useful for edgings. 6 inches. $\frac{1}{4}$ oz., .20 | .05 |
| 1250 | —Alba. Erect white flowers; 6 in. $\frac{1}{4}$ oz., .20 | .05 |
| 1255 | Mirabilis. Large pale blue, extra. 2 ft. . . | .25 |
| 1260 | Moerheimi. Large, white, saucer-shaped. 2 ft. $\frac{1}{4}$ oz., \$1.50 | .25 |
| 1265 | Persicifolia Grandiflora. Large, bright blue, one of the best. 2 ft. $\frac{1}{4}$ oz., 1.00 | .15 |
| 1270 | Persicifolia Grandiflora Alba. Large, pure white. 2 ft. $\frac{1}{4}$ oz., 1.00 | .15 |
| 1275 | Persicifolia Grandiflora Pfitzeri. Large, light blue, double and semi-double. 2 ft. . | .25 |
| 1280 | Persicifolia Mixed. All shades of blue and white. 2 ft. $\frac{1}{4}$ oz., 1.00 | .15 |
| 1285 | Pyramidalis (Chimney Bellflower). Blue. 4 ft. $\frac{1}{4}$ oz., .25 | .10 |
| 1290 | Pyramidalis Alba. White. 4 ft. $\frac{1}{4}$ oz., .25 | .10 |
| 1295 | Rotundifolia (Harebell). Charming blue 1 ft. $\frac{1}{4}$ oz., .75 | .10 |
| | CAMPANULA MEDIUM (Canterbury Bells). Showy hardy biennials about 3 feet high of pyramidal form, and profusely covered with large bell-shaped flowers. | |
| | Calycanthemum (Cup and Saucer Varieties). | |
| 1305 | —Blue $\frac{1}{4}$ oz., .75 | .10 |
| 1310 | —Rose Pink $\frac{1}{4}$ oz., .75 | .10 |
| 1315 | —White $\frac{1}{4}$ oz., .75 | .10 |



Campanula Persicifolia



Candytuft (Giant Hyacinth Flowered)

No.	Campanula, Medium, continued	Pkt.
1320	Calycanthemum, Mixed. All colors	1oz., .75 \$0.10
1325	Single, Blue	1oz., .25 .05
1330	—Rose Pink	1oz., .25 .05
1333	—Rosy Carmine	1oz., .35 .05
1335	—Mauve	1oz., .25 .05
1340	—White	1oz., .25 .05
1350	—Mixed. All colors	1oz., .25 .05
1355	Double, Blue	1oz., .50 .10
1360	—Rose Pink	1oz., .75 .10
1365	—White	1oz., .75 .10
1370	—Mixed. All colors	1oz., .75 .10
1375	Columbia Prize Mixture. All colors of all varieties, unsurpassed	1oz., .50 .10

CANARYBIRD VINE. See *Tropaeolum*.

CANDYTUFT. One of the most useful and popular hardy annuals for edgings or massing, and excellent for cutting. 1 ft.

1380	Carmine. Bright carmine rose	1oz., .50 .05
1385	Crimson. Rich deep shade	1oz., .25 .05
1390	Dobbie's White Spiral. A superior strain of the large-flowered white from the introducer	1oz., .25; oz., .75 .10
1395	Empress. Producing immense pure white pyramidal trusses	1oz., .20; oz., .60 .10
1400	Giant Perfection. Immense pure white spikes, special selection	1oz., .25; oz., .75 .10
1405	Purple. Fine shade	1oz., .25 .05
1410	Mixed. All colors	1oz., .25 .05
1411	Dwarf, Rose	1oz., .60; oz., \$2 .10
1412	—White	1oz., .35; oz., 1 .10
1413	—Mixed Hybrids	1oz., .30; oz., .75 .10

CANNAS. Handsome foliage and flowering plants, producing striking effects in beds or borders. Soak the seed in hot water 24 hours before sowing. 3 to 4 ft.

1415	Crozy's Dwarf Large-flowered Mixed. In a great variety of colors	1oz., .50 .10
1420	—Dark-leaved Sorts Mixed. Dwarf, dark foliaged sorts with large flowers	1oz., .50 .10

CARNATION PINKS. See *Dianthus*.

CASTOR OIL BEANS. See *Ricinus*.

CATCHFLY. See *Silene*.

CELOSIA CRISTATA or COCKSCOMB.

Free-blooming annuals with large brilliant cockscomb-like heads. They prefer a light soil not too rich; fine border or pot plant.

1425	Collection of 6 following colors. Separate	.50
1430	Dwarf Bright Rose. 1/2 ft.	1oz., .75 .10

No.	Celosia Cristata or Cockscomb, continued	Pkt.
1435	Dwarf, Copper Color. 1/2 ft.	1oz., .75 \$0.10
1440	—Dark Blood Red. 1/2 ft.	1oz., .75 .10
1445	—Glasgow Prize. Dark crimson. 1/2 ft.	1oz., .75 .10
1450	—Golden Yellow. 1/2 ft.	1oz., .75 .10
1455	—Silvery White. 1/2 ft.	1oz., .75 .10
1460	—Mixed. Finest colors. 1/2 ft.	1oz., .50 .10
1465	Tall Mixed. All colors. 2 to 3 ft.	1oz., .25 .05

CELOSIA THOMPSONI MAGNIFICA, Improved Feathered Cockscombs. A magnificent and valuable annual with long, feathery plumes of the richest colors, varying from pale yellow to the deepest crimson. Effective during summer and fall. 2 ft.

1470	Carmine	1oz., .50 .10
1475	Crimson	1oz., .50 .10
1480	Golden Yellow	1oz., .50 .10
1485	Light Yellow	1oz., .50 .10
1490	Scarlet	1oz., .50 .10
1495	Triumph of Exposition. Crimson, dark red stems	1oz., .50 .10
1500	Mixed. All colors	1oz., .50 .10
1505	Collection of above 6 colors. Separate	.50

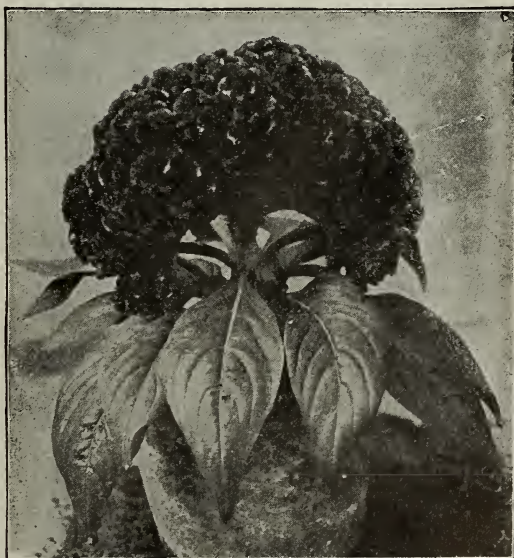
1510 CELSIA Arcturus. A fine half-hardy plant, very pretty for pot culture in a cool house. The long spikes of bright yellow flowers are produced the same season from spring-sown seed. 50

CENTAUREA (Dusty Miller). Silver-foliaged plants extensively used for edgings, baskets, etc. Half-hardy perennial.

1515	Candidissima. Thick foliage. 1 ft.	1oz., .60 .10
1520	Gymnocarpa. Very graceful. 1 1/2 ft.	1oz., .25 .10

CENTAUREA, Flowering Varieties. Very free-flowering hardy annuals, with handsome showy flowers; extremely useful for cutting. 1 1/2 to 2 ft.

1525	Americana. Large, reddish-lilac	1oz., .50 .10
1530	Cyanus, Mixed (Bachelor's Button)	1oz., .25 .05
1535	—Double, Mixed	1oz., .50 .05
1540	—Emperor William. Bright blue	1oz., .30 .05
1545	—Emperor William, Double	1oz., .35 .10
1550	—Purple	1oz., .30 .05
1555	—Rose	1oz., .30 .05
1560	—White	1oz., .30 .05



Celosia Cristata (Cockscomb)



Centaurea Imperialis

No. Centaurea, Flowering Varieties, continued Pkt.

Imperialis (Royal Sweet Sultans). Very large, sweet-scented flowers on long stems, in the most beautiful and delicate colors. 2 to 3 ft.

- | | | | |
|------|--|-----------|--------|
| 1565 | —Bright Pink..... | 1oz., .35 | \$0.10 |
| 1570 | —Dark Purple..... | 1oz., .35 | .10 |
| 1575 | —Deep Lavender..... | 1oz., .35 | .10 |
| 1580 | —Lilac..... | 1oz., .35 | .10 |
| 1585 | —White..... | 1oz., .35 | .10 |
| 1590 | —Mixed. All colors..... | 1oz., .30 | .10 |
| 1595 | Moschata (Sweet Sultan). Purple..... | 1oz., .15 | .05 |
| 1600 | —White..... | 1oz., .15 | .05 |
| 1605 | —Mixed..... | 1oz., .15 | .05 |
| 1610 | Suaveolens . Yellow Sweet Sultan..... | 1oz., .15 | .05 |
| 1615 | Macrocephala . Large yellow, hardy perennial..... | 1oz., .30 | .10 |
| 1620 | Montana . Deep purple, hardy perennial..... | 1oz., .50 | .10 |
| 1625 | —Alba. Large white, hardy perennial..... | 1oz., .75 | .10 |

- 1630 **CERASTIUM tomentosum** (Snow in Summer). A very pretty white-leaved hardy perennial with small white flowers; fine for edgings and rockeries. 4 in..... .10

CHELONE. Very handsome plant, with pentstemon-like spikes of brilliant colored flowers from July to October. Hardy perennial. 2 ft.

- | | | | |
|------|--|-----------|-----|
| 1635 | Barbata Torreyi . Scarlet..... | 1oz., .35 | .10 |
| 1640 | Hybrid, Finest Mixed . Beautiful..... | 1oz., .35 | .10 |

CHRYSANTHEMUM, Annual Varieties.

Showy and effective summer-flowering plants, blooming from July until frost; very desirable for the garden and extensively grown for cut flowers. 2 ft.

- | | | | |
|------|--|-----------|-----|
| 1645 | Double, Golden | 1oz., .25 | .10 |
| 1650 | —White..... | 1oz., .25 | .10 |
| 1655 | —Mixed. All colors..... | 1oz., .25 | .10 |
| 1660 | —Fringed Hybrids. All colors..... | 1oz., .35 | .10 |
| 1665 | Single, Evening Star . Rich golden yellow..... | 1oz., .20 | .10 |
| 1670 | —Morning Star. Large primrose yellow..... | 1oz., .20 | .10 |
| 1675 | —Northern Star. Large white, yellow centre..... | 1oz., .20 | .10 |
| 1680 | —Mixed. All colors..... | 1oz., .30 | .05 |
| 1685 | Grey's Special Mixture . All colors in double and single..... | 1oz., .25 | .10 |

No.

Pkt.

CHRYSANTHEMUM, Perennial Varieties.

Of great value in the garden and conservatory, blooming from early autumn to Dec.

- | | | | |
|------|--|-----------|--------|
| 1690 | Frutescens (Paris Daisy). Single white, fine for winter blooming. 1½ ft..... | 1oz., .40 | \$0.10 |
| 1695 | — Comtesse de Chambord . Clear yellow..... | 1oz., .40 | .10 |
| 1700 | Japanese Early Flowering . Large flowering sorts which bloom in the open garden in August and September from early-sown seed..... | | .25 |
| 1705 | Shasta Daisy . One of the best hardy white flowers for cutting, very large flowers..... | | .20 |
| 1710 | Pompon Flowered . The small-flowered hardy sorts, fine colors..... | | .25 |

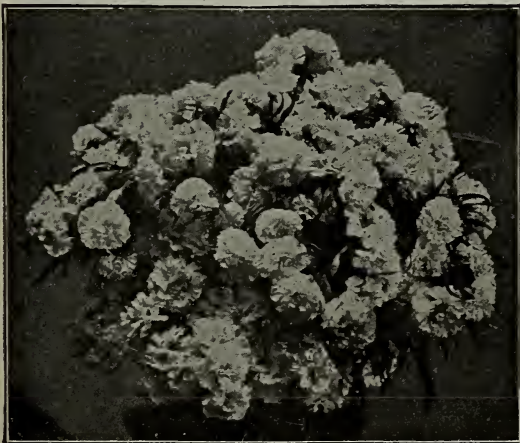
CINERARIA. One of the most beautiful plants that can be grown for decorative purposes. Seed should not be sown too soon. Sown in June or July plants large enough for all purposes can be had; the aim should be to secure as hard a growth as possible. Sturdy plants with leaves of medium size are best.

- | | | | |
|------|---|--|-----|
| 1715 | Grey's Exhibition Prize . Acknowledged by our customers to be the finest strain grown; of compact branching habit with exceptionally large flowers of the richest and brightest colors..... | | .75 |
| 1720 | Dwarf Large Flowering . Dwarf compact habit with very large flowers of rich colors, from show varieties..... | | .75 |
| 1725 | James's Giant Prize . This strain has received awards from the Royal Horticultural Society for size, form and colors..... | | .50 |
| 1730 | Stellata Hybrida (Star Cineraria). A magnificent plant for conservatory or house decoration. The individual blooms are star shaped and borne in large heads on long, graceful stalks. The colors, running through combinations of white, violet, lilac almost to red shades..... | | .50 |

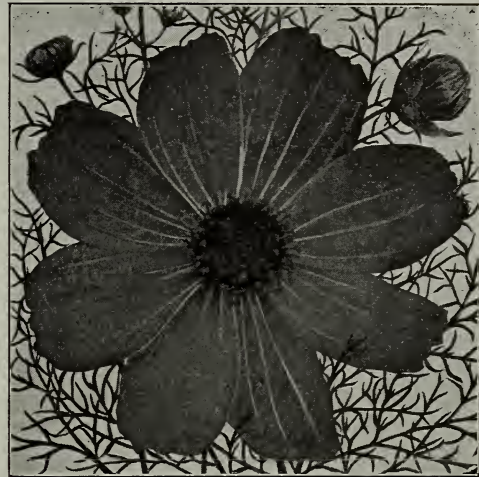


Cineraria (Grey's Prize Strain)

No.		Pkt.
	CINERARIA, Foliage Varieties (Dusty Miller).	
1735	Acanthifolia. Broad silvery foliage, most useful for bedding..... $\frac{1}{4}$ oz., .30	\$0.10
1740	Maritima Candidissima. Lacinated silvery foliage for beds or borders... $\frac{1}{4}$ oz., .15	.05
	CLARKIA. Very showy and profuse-flowering hardy annuals of easy culture; very useful for cutting.	
1745	Salmon Queen. Beautiful double salmon pink..... $\frac{1}{4}$ oz., .20	.10
1750	Double, Mixed. Choice colors.... oz., .30	.05
1755	Single, Mixed. All colors..... oz., .25	.05
	CLEMATIS. Well known as valuable, hardy, profuse-flowering, climbing perennials. Seed sown in cold frame or border in the fall will germinate freely the next spring.	
1760	Jackman's New Hybrids. Elegant large-flowered sorts, and when raised from seed afford a wide range of color..... $\frac{1}{4}$ oz., .51	.25
1765	Paniculata. Vigorous grower and covered in the latter part of summer with a cloud of star-like fragrant white flowers.. $\frac{1}{4}$ oz., .25	.10
1770	CLEOME Pungens (Spider Flower). An attractive annual, with singular, rose-colored flowers..... $\frac{1}{4}$ oz., .40	.10
1775	CLIANTHUS Dampieri (Glory Pea). A magnificent greenhouse annual, with large, brilliant, scarlet, pea-shaped flowers having a black centre.....	.25
	CLOVE PINKS. See <i>Dianthus</i> .	
1780	COBAEA, Scandens. Popular half-hardy, climbing perennial of rapid growth, with large, purple, bell-shaped flowers; blooming first season from seed which should be planted edgewise. 20 ft. $\frac{1}{4}$ oz., .25; oz., .75	.10
1785	Scandens Alba. White flowered $\frac{1}{4}$ oz., .50; oz., \$1.50	.25
1790	Macrostemma. Large, open, violet flowers and long stamens..... $\frac{1}{4}$ oz., .75	.25
1795	COCCINEA Indica. Annual climber with large white flowers and scarlet fruit $\frac{1}{4}$ oz., .35	.10
	COCKSCOMB. See <i>Celosia</i> .	
	COLEUS. Ornamental foliage plants, easily grown from seed. Half-hardy perennial.	
1800	Mixed Hybrids. From a large collection...	.10
1803	New Large Leaved Varieties. Extra fine..	.25
1805	COLLINSIA, Mixed. Free-flowering, hardy annuals of deserved popularity, blooming from June to October, and suited to dry situations..... $\frac{1}{4}$ oz., .15	.05
	COLUMBINE. See <i>Aquilegia</i> .	

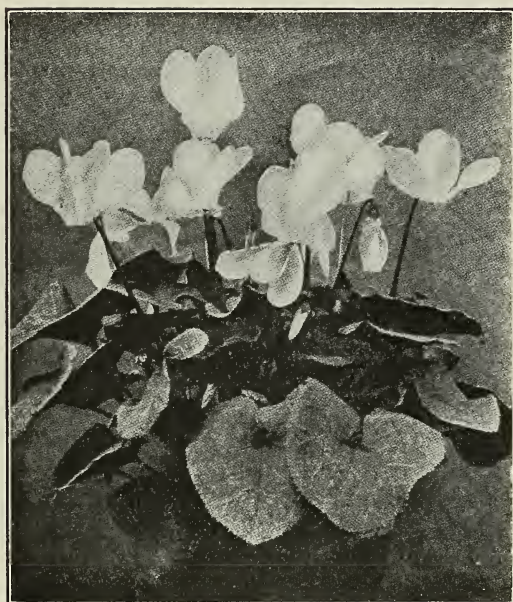


Double Clarkia



Cosmos, (Lady Lenox)

No.		Pkt.
1810	COMMELINA Coelestis. Half-hardy, tuberous-rooted perennial, with sky-blue flowers; blooms first season. $1\frac{1}{2}$ ft.....	\$0.15
1815	CONVOLVULUS MINOR, Mixed. Handsome hardy annual with large richly colored flowers, producing a brilliant effect. 1 ft..... oz., .20	.05
	CONVOLVULUS MAJOR. See <i>Ipomoea Purpurea</i> .	
	COSMOS. One of the most beautiful and useful of the hardy annuals, producing in the autumn thousands of beautiful flowers. Seed should be sown in May in the open ground where it is desired to bloom; in rather a light soil. 4 to 5 ft.	
	Earliest Flowering Hybrids. Earlier, larger and with a greater variety of colors than any other early strain. Seed sown in May will bloom from July until frost.	
1820	Earliest Mixed oz., \$1.50; $\frac{1}{4}$ oz., .50	.10
1825	Earliest White oz., 1.50; $\frac{1}{4}$ oz., .50	.10
1830	Earliest Pink oz., 1.50; $\frac{1}{4}$ oz., .50	.10
1835	Earliest Crimson oz., 1.50; $\frac{1}{4}$ oz., .50	.10
1840	Mammoth Crimson oz., .50; $\frac{1}{4}$ oz., .15	.10
1845	—Lady Lenox. Shell pink..... $\frac{1}{4}$ oz., .40	.10
1850	—Pink oz., .50; $\frac{1}{4}$ oz., .15	.10
1855	—White oz., .50; $\frac{1}{4}$ oz., .15	.10
1858	—Mixed. All colors..... oz., .50; $\frac{1}{4}$ oz., .15	.10
1860	CUPHEA Platycentra (Cigar Plant). Dwarf half-hardy perennial, with bright scarlet, tubular flowers tipped with black; blooms freely from seed. 1 ft.....	15
	CYCLAMEN. The seed we offer is saved by a leading specialist from selected strains of the very best varieties, and cannot fail to produce flowers of the largest size, finest substance and most charming shades of color. July to August is the best time for sowing. Seedlings should be grown on without any check whatever, and when grown cool the results are more satisfactory.	
1865	Grey's Giant Crimson.....	.75
1870	Grey's Giant Pink.....	.75
1875	Grey's Giant Salmon.....	.75
1880	Grey's Giant White.....	.75
1885	Giant Brilliant. Rich dark crimson.....	.75
1890	—Crimson King. Brilliant crimson.....	.75
1895	—Excelsior. White with purple base.....	.75
1900	—Duke of Connaught. Purplish crimson	.75
1905	—Duke of Fife. Dark rose.....	.75



Cyclamen

No.	Cyclamen, continued	Pkt.
1910	Giant Mont Blanc. Pure white	\$0.75
1915	—Picturatum. Pink with claret base. ....	.75
1920	—Princess Ida. Bright pink. ....	.75
1925	—Princess May. Pale pink. ....	.75
1930	—Prince of Wales. Bright red. ....	.75
1935	—Salmon Queen. Delicate salmon pink. .	.75
1940	Grey's Giant Mixture. All colors. ....	.75

For above-named cyclamen, 100 seeds \$1.50;

1000 seeds \$12.00.

CYPERUS (Umbrella Plant). Handsome foliage plants, excellent for conservatory or table decorations. Fine plants can be grown from seed in less than three months. Half-hardy perennial.

1945	Alternifolius. Shining deep green fronds, resembling a miniature palm. 2 ft., oz., \$3	.10
1950	Papyrus (Egyptian Paper Plant). Palm-like foliage; an aquatic or for pots. 5 ft., oz., \$5	.25

CYPRESS VINE. See *Ipomoea quamoclit*.

DAHLIA. This popular flower can be easily raised from seed, flowering the same season. Seed should be sown early in gentle heat. Half-hardy perennial. 4 to 6 ft.

1955	Cactus Double, Mixed. Saved from a fine collection. 1/4 oz., .75	.10
1960	Paeony Flowered Giant. Single and semi-double flowers of enormous size, resembling the paeony. 1/4 oz., .75	.10
1965	Pompon, Double, Mixed. Small flowered	.10
1970	Show, Double, Mixed. Large flowered	.10
1975	Single Giant Perfection. Surpassing all others in size and colors. 1/4 oz., .35	.10

DAISY. See *Bellis Perennis*.

DATURA (Trumpet Flower). Handsome hardy annuals of very rapid growth with large, trumpet-shaped, flowers. 3 ft.

1980	Arborea (BRUGMANSIA). Single, white fragrant flowers often 12 inches long .....	.25
1985	Cornucopia. White, beautifully marbled with royal purple; fragrant. 1/4 oz., .20	.10
1990	Golden Queen. Fragrant, double, golden yellow. 1/4 oz., .20	.10
1995	White Queen. Fragrant, double, white 1/4 oz., .20	.10
2000	Double Mixed. All sorts. 1/4 oz., .20	.10

No **DELPHINIUM**, Annual Varieties (Larkspur). Amongst the best of hardy annuals, lasting a long time in flower. The plants should be transplanted or thinned out to avoid overcrowding and to secure the branching habit peculiar to nearly all sorts now offered.

Grey's Imperial. A superior branching strain 2 ft. high. Double flowers; excellent for cutting. Offered in the following choice colors:

2005	Apple Blossom Pink. 1/4 oz., .20	\$0.10
2010	Brilliant Carmine. 1/4 oz., .20	.10
2015	Bright Rose. 1/4 oz., .20	.10
2020	Dark Blue. 1/4 oz., .20	.10
2025	Light Blue. 1/4 oz., .20	.10
2028	Rosy Scarlet, beautiful. 1/4 oz., .50	.10
2030	White. 1/4 oz., .20	.10
2035	Mixed. All finest colors. 1/4 oz., .20	.10
2045	Giant Hyacinth Flowered, Mixed. Large spikes of double flowers. 2 ft. 1/4 oz., .15	.05
2050	Rocket, Dwarf Mixed. Fine double flowers. 1 ft. 1/4 oz., .15	.05
2055	Blue Butterfly. A distinct dwarf variety with large single flowers of intense salvia blue. 1 ft. 1/4 oz., .35	.10

DELPHINIUM, Hardy Perennial Varieties.

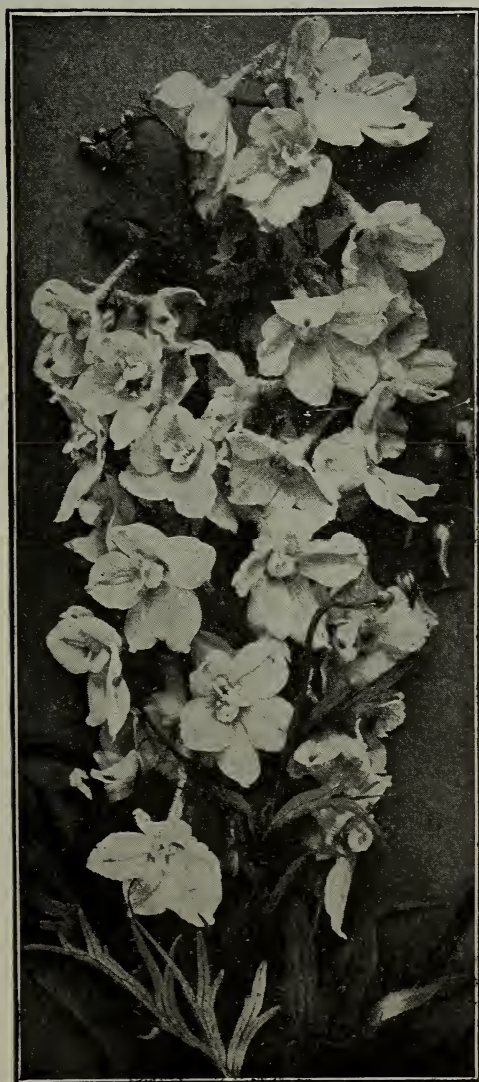
The great improvement effected in these splendid border perennials strongly recommends their culture from seed; the best of results with vigorous growth being thus obtained; they are of easy culture and produce splendid spikes of bloom through the summer. 1 to 5 ft.

2060	Columbia Hybrids. An exceptionally fine strain, selected from the best large flowering varieties with immense spikes. 1/4 oz., .75	.25
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Delphinium, Larkspur (Giant Hyacinth Flowered)

No.	Delphinium, continued	Pkt.
2065	Barlowi. Large dark blue; extra... 1/2 oz., \$1	\$0.25
2070	Belladonna. Clear turquoise-blue, the ever-blooming, hardy larkspur; if sown early will bloom in late summer and autumn..... 5 pkts., \$1	.25
2075	Cardinale. Beautiful scarlet. 3 ft.....	.20
2080	Caucasicum. Sky-blue. 1 1/2 ft... 1/2 oz., .35	.10
2085	Chinense (GRANDIFLORUM). Large, bright Gentian blue. 1 1/2 ft..... 1/2 oz., .20	.05
2090	Chinense Album. Large, white. 1/2 oz., .20	.05
2095	Elatum (Bee Larkspur). Rich blue, with darker centres. 4 ft..... 1/2 oz., .30	.05
2100	Formosum. Dark blue, white eye. 2 1/2 ft. 1/2 oz., .30	.10
2105	Formosum Coelestinum. Light blue. 2 1/2 ft..... 1/2 oz., .50	.10
2110	Sibericum Hybridum. Blue shades; fine 2 1/2 ft..... 1/2 oz., .50	.10
2115	Speciosum. Bright blue. 3 ft... 1/2 oz., .50	.10
2120	Zalil (SULPHUREUM). Beautiful sulphur yellow. 3 ft.....	.15



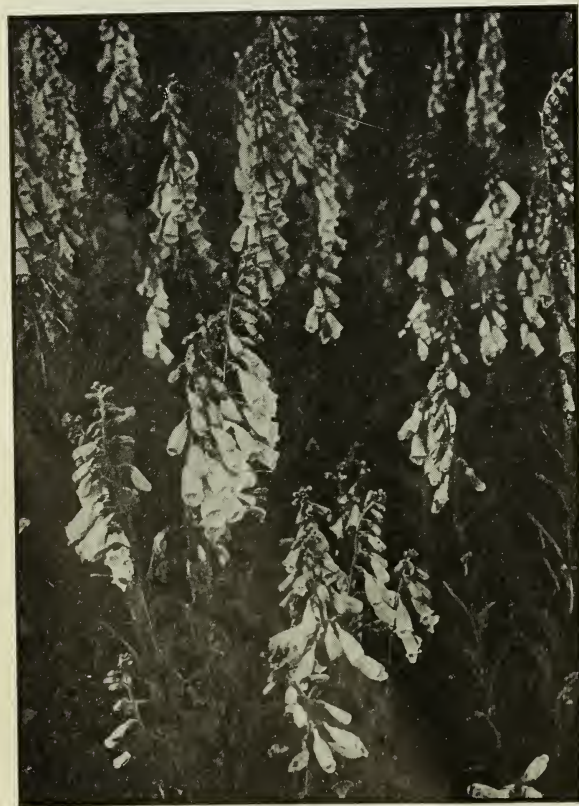
Delphinium (Belladonna)



Dianthus Plumarius

No.	DIANTHUS or PINKS, Annual Varieties.	Pkt
These are really hardy biennials though treated as annuals, and bloom the first season from early summer until frost. They are beautiful border plants and deserve a place in every garden.		
2125	Double, Chinese, Mixed. All colors 1/2 oz., .25	\$0.05
2130	—Japan, Mixed. Large, rich colors 1/2 oz., .50	.10
2135	—Diadem, Mixed. Splendid varieties 1/2 oz., .60	.10
2140	—Fringed, Mixed. Striped flowers 1/2 oz., .60	.10
2145	—Latifolius, Mixed. Large flowers resembling the sweet William in shades of rose, crimson and maroon..... 1/2 oz., .25	.10
2150	—Nobilis, Mixed (Royal Pink). Largest size and brightest colors..... 1/2 oz., .50	.10
2155	—Blood Red. Deep color; extra... 1/2 oz., .75	.10
2160	—Mourning Pink. Deep crimson, white edge..... 1/2 oz., .50	.10
2165	—Salmon Pink (Salmon Queen)... 1/2 oz., .75	.10
2170	—White. Very fine variety..... 1/2 oz., .50	.10
2175	Single Crimson Belle. Dark red... 1/2 oz., .35	.10
2180	—The Bride. White, purple eye... 1/2 oz., .35	.10
2185	—Vesuvius. Orange scarlet..... 1/2 oz., .35	.10
2190	—Mixed. Finest colors and sorts... 1/2 oz., .25	.10
DIANTHUS, Caryophyllus (Carnation Pink).		
2195	Riviera Market (Giant of Nice). Superior class of perpetual flowered carnations; saved from the finest and largest blooms...	.50
2200	Marguerite, Giant, Mixed. Improved and very large, double-flowered strain of this early-flowering carnation which blooms in four months from time of sowing, and is composed of the best colors..... 1/2 oz., .75	.10
2205	—Giant Scarlet..... 1/2 oz., \$2	.25
2210	—Giant Yellow..... 1/2 oz., \$2	.25
2215	—White..... 1/2 oz., \$1	.15
2220	Picotee, Finest Mixed. Large, double flowers beautifully marked with a distinct color.....	.25
2224	DIANTHUS Deltoides (Maiden Pink). Beautiful hardy sort for rockeries, sunken gardens, etc. The flowers are bright pink, small and in abundance from May to August. 6 inches..... 1/2 oz., .30	.10
2225	Deltoides Alba. White flowers... 1/2 oz., .75	.10

No.		Pkt.
	DIANTHUS Plumarius (Hardy Garden or Clove Pink). Very free-flowering with a strong clove fragrance, and more hardy than the carnation.	
2230	Cyclops, Double Mixed. An extra fine strain of the double-flowering, Scotch pinks	\$0.50
2235	Mrs. Sinkins. Very large, double, pure white; the finest hardy white pink.....	.50
2240	Scoticus fl. pl. Perfection. A prize strain of double Scotch or florist's pinks in finest colors.....	.50
2245	Semperflorens fl. pl. Perpetual blooming hardy pink, with large, double flowers in finest colors.....	.25
2250	Double, Mixed. Fine strain of double and semi-double flowers; choice colors. $\frac{1}{4}$ oz., \$1	.10
2255	DICTAMNUS, Mixed (FRAXINELLA). Very showy hardy perennial about 2½ feet high, having fragrant foliage and handsome spikes of white and crimson flowers $\frac{1}{4}$ oz., .20	.05
	DIGITALIS (Foxglove). Hardy perennials of easy culture, valuable for shrubby borders, woodland walks, partial shady places, and should be more extensively grown; blooms in June and July. 3 to 4 ft.	
2260	Gloxiniaeflora, Mixed. Fine colors, spotted in the throat..... $\frac{1}{4}$ oz., .20	.05
2265	Grandiflora. Light yellow; fine... $\frac{1}{4}$ oz., .20	.05
2270	Ivery's Spotted. An extra choice strain of beautifully spotted flowers..... $\frac{1}{4}$ oz., .25	.05
2275	Monstrosa, Mixed. Beautiful colors with one enormous flower at top of spike $\frac{1}{4}$ oz., .50	.10
2280	Purpurea, Mixed (Common Foxglove). All colors..... $\frac{1}{4}$ oz., .15	.05



Digitalis (Foxglove)



No.	Dimorphotheca Aurantiaca	Pkt.
	Digitalis, continued	
2285.	—Rose..... $\frac{1}{4}$ oz., .15	\$0.05
2290	—White..... $\frac{1}{4}$ oz., .15	.05
2295	DIMORPHOTHICA Aurantiaca (African Marguerite). Beautiful Transvaal annual, with a profusion of rich orange-gold flowers throughout the season. 15 in.... $\frac{1}{4}$ oz., .75	.15
2296	New Hybrids. Rich shades.....	.15
	DOLICHOS (Hyacinth Bean). A beautiful, quick-growing, annual climber; flowering freely in erect racemes all summer; the seed pods are quite ornamental. 10 ft.	
2300	Darkness. Rich purple violet flowers and purple stems and seed pods. oz., .30	.10
2305	Daylight. Snow-white, excellent.... oz., .30	.10
2310	Lablab, Mixed. Purple and white.... oz., .25	.05
	DRACAENA. Decorative plants with long, graceful foliage, valuable for vases and house decoration; tender perennials.	
2315	Australis. Dark green leaves, 2 to 4 inches wide.....	.10
2320	Indivisa. Narrow green foliage.....	.10
2325	Variegated Foliage Sorts. Including the best and most brilliant colors.....	.25
2330	DRACOCEPHALUM Argunense. Fine hardy perennial with spikes of bright-blue, salvia-shaped flowers. $\frac{1}{4}$ oz., .25	.10
2335	ECHINACEA Helianthus (Red Perennial Sun-flower). Large purplish red flowers freely produced through the whole summer. 5 ft. ....	.15
2340	ECHINOCYSTIS lobata (Wild Cucumber). Rapid-growing annual climbers with ornamental seed-pods and large seed. Soak the seed in warm water over night and plant the eye down. 20 ft..... oz., .30	.05
2345	EDELWEISS (GNAPHALIUM LEONTOPODIUM). Charming Swiss Alpine plant with lovely star-shaped, white everlasting flowers, so much prized by tourists for cutting; fine for rockwork or exposed positions. ....	.25
	EREMURUS. Most attractive perennials, bearing in summer massive spikes; they require rich soil.	
2350	Himalaicus. Creamy-white. 6 to 8 ft....	.25
2355	Robustus. Soft flesh pink. 8 ft.....	.25

No.		Pkt.	No.		Pkt.
	ERIGERON (Midsummer Daisy). Effective hardy perennial with numerous large, daisy-like flowers on stout many-branched stems; from May to October. 1 ft.			GAILLARDIA grandiflora (Blanket Flower). One of the most brilliant of all hardy perennials, and constant bloomer from June till frost; excellent for cutting. 2 ft.	
2360	Aurantiacus Hybridus . Shades of orange and yellow.....	\$0.10	2685	Kermesina Splendens . Large, deep crimson, with golden margin.....	\$0.15
2365	Speciosus Hybridus Grandiflorus . Large mauve color; excellent for florists.....	.10	2690	Maxima . Large, pure yellow..... $\frac{1}{2}$ oz., .35	.10
2370	ERYNGIUM amethystinum . A handsome hardy perennial with beautiful foliage and flowers of a lovely blue. July and August. 3 ft.....	$\frac{1}{2}$ oz., \$1 .15	2695	Superba . Large, red and yellow..... $\frac{1}{2}$ oz., .35	.10
2375	ERYSIMUM, Golden Gem . Golden-yellow hardy biennial like a miniature wallflower, effective for spring bedding. $\frac{3}{4}$ ft. $\frac{1}{2}$ oz., .35	.10	2700	Finest Hybrids . Saved from the choicest named varieties..... $\frac{1}{2}$ oz., .35	.10
	ESCHSCHOLTZIA (California Poppy). Profuse-flowering plants, with bright showy flowers; excellent for bedding, massing or ribbon work. Hardy annual. June to October. 1 ft.		2705	GAURA Lindheimeri . Half-hardy annual of graceful habit, with numerous elegant spikes of rosy white flowers throughout the summer. 2 ft.....	$\frac{1}{2}$ oz., .15 .05
2380	Californica . Yellow, orange center. oz., .30	.05	2710	GENISTA Canariense (Broom). Handsome half-hardy perennials for room decoration, with bright yellow flowers. 2 ft.....	.10
2385	—alba . White.....oz., .30	.05	2715	Andreana . Crimson and yellow; handsome.	.10
2390	Carminea (Rose Cardinal). Rose. oz., .50	.05	2720	GENTIANA Acaulis (Alpine Blue Gentian). Dwarf, early, spring-flowering, Alpine perennial with intensely deep blue bell-shaped flowers. 6 inches..... $\frac{1}{2}$ oz., .40	.10
2395	Carmine King . Deepest carmine. $\frac{1}{2}$ oz., .30	.10	2725	Lutea (Giant Gentian). Bright yellow flowers in whorls on stems 4 ft. high.....	.15
2400	Crocea . Orange.....oz., .30	.05		GERANIUM . Popular plants, easily raised from seed. Half-hardy perennial.	
2405	Dainty Queen . Lovely delicate pink.....	.10	2730	Apple-scented . Fragrant foliage.....	.25
2410	Mandarin . Orange and scarlet.....oz., .50	.05	2735	Show Pelargoniums (Lady Washington). Newest large-flowered show varieties.....	.50
2415	Maritima, Golden West . Giant orange and yellow.....oz., .30	.05	2740	Zonale, Finest Mixed . Specially saved....	.10
2420	Mixed . All colors.....oz., .30	.05	2745	—Double, Finest Mixed . Finest sorts....	.25
	EUPATORIUM . Free-blooming hardy perennials, largely grown for cut-flowers, and deserve a place in every border. Blooms first season from seed. August to October.		2750	GERARDIA, New Hybrids . Spikes of handsome, foxglove-like flowers; very free-flowering perennials, blooming first season from seed and hardy in sheltered situations. July to September. 2 ft.....	.10
2425	Ageratoides . Dense heads of small white flowers. 4 ft..... $\frac{1}{2}$ oz., .40	.10	2755	GERBERA Jamesoni (Transvaal Daisy). Beautiful daisy of a brilliant orange-vermilion color on long stems, blooming almost the whole year if given greenhouse protection during winter.....	.25
2430	Fraseri . Snow-white. 2 ft..... $\frac{1}{2}$ oz., .30	.10	2760	Jamesoni Hybrids . New hybrids of the preceding which are more hardy and easily grown, the colors are rich and delicate with a wonderful range from pure white through orange, salmon, rose, cerise, to ruby red and violet.....	.25
	EUPHORBIA . Ornamental hardy annual, very handsome for the garden, and easily grown from seed.		2765	GESNERIA, Mixed Hybrids . Greenhouse bulbous plants with beautiful marked velvety foliage and handsome spikes of brilliant colored flowers.....	.50
2435	Heterophylla (Mexican Fire Plant). The beautiful orange-scarlet bracts completely cover the plant almost the entire season. 3 ft..... $\frac{1}{2}$ oz., .35	.10		GEUM . Showy hardy perennial of easy culture, and well adapted for the flower garden; fine for cutting. July to Oct. 2 ft.	
2440	Variegata (Snow-on-the-Mountain). Foliage striped and margined with white. 1 $\frac{1}{2}$ ft.....oz., .40	.05	2770	Atrosanguineum fl. pl. Double deep crimson.....	.10
2445	EXACUM affine . Dwarf showy hardy annual for pot culture, with clusters of fragrant lilac flowers. 1 ft.....	.25	2775	Coccineum . Bright scarlet.....oz., \$1	.10
	FERNS . A well-known, graceful and attractive class of plants, extensively grown for house decoration in winter, and for shady positions and rockeries during summer.		2780	GILIA, Finest Mixed . Showy hardy annual, blooming from early in the season until frost. 1 ft.....oz., .25	.05
2450	Greenhouse Varieties, Finest Mixed....	.25		GLOBE AMARANTH (GOMPHRENA). Showy annual everlasting; the flowers resemble clover heads and when dried are used for winter decoration; fine for bedding 1 $\frac{1}{2}$ ft.	
2455	Hardy Varieties, Mixed . Finest sorts for outdoor growing.....	.25	2785	Purple.....oz., .25	.05
2460	Adiantum, Cuneatum (Maidenhair Fern)	.25	2790	Orange.....oz., .50	.05
	FEVERFEW . See <i>Matricaria</i> .		2795	White.....oz., .25	.05
	FORGET-ME-NOT . See <i>Myosotis</i> .		2800	Mixed . All colors.....oz., .25	.05
	FOUR O'CLOCK . See <i>Mirabilis</i> .		2805	GLAUCUM Flavum Tricolor (Horned Poppy). Free-flowering hardy annuals, with handsome silvery foliage and orange, scarlet and black flowers in July. 2 ft..... $\frac{1}{2}$ oz., .35	.05
	FOXGLOVE . See <i>Digitalis</i> .				
2665	FUCHSIA, Double and Single Mixed . The raising of fuchsias from seed is interesting, there always being the possibility of securing something new and distinct; the seed offered is saved from a choice collection....	.25			
	GAILLARDIA (Blanket Flower). Beautifully showy annuals, giving a profusion of brilliant flowers during the summer and autumn; fine for cutting. 2 ft.				
2670	Single, Finest Mixed . All colors ..oz., .30	.05			
2675	Double, Finest Mixed (LORENZIANA). A rich mixture.....oz., .50	.05			
2680	Amblyodon . Single, deep red.....oz., .40	.05			

No.	Pkt.	No.	Pkt.
GLOXINIA. The seed offered has been selected from the finest erect-flowering varieties and will give blooms of finest quality. For a succession of flowers from seed, sowings should be made at intervals from January to May. A moist heat of from 65 to 70 degrees is best to start them in.		Helianthus, continued	
2810		2960	
Grey's Invincible Prize. This has the reputation of being the finest strain grown, very free-flowering, with large open flower in the greatest variety of colors.....		Double Chrysanthemum-flowered.	
2815	\$0.75	Orange-yellow; fine for cutting. 5 ft. 40	
Giant Mixed. A prize German strain with large flowers of richest colors.....		2965	.30
	.50	2970	.05
GODETIA (Satin Flower). Handsome hardy annuals, blooming profusely from July to October. Large wide-open flowers of shining satiny texture, and of the most delicate and brilliant colors. 1½ ft.		2975	.20
2820	.15	Single cucumerifolius (Miniature Sunflower). Small bright yellow, with black center. 4 ft. 25	
2825	.30	2980	.05
2830	.15	2985	.05
2835	.20	— Stella. Golden yellow. The largest miniature sort. 4 ft. 30	
2840	.25	2990	.05
GOURDS, Ornamental. Quick-growing vines, desirable for covering arbors, walls, etc., and producing useful and ornamental fruit in great variety of shapes and colors. Tender annual. 15 to 20 ft.		2995	.05
2845	.50	3000	.10
2850	.35	3005 HELICHRYSUM, Double Mixed. Pretty annual everlasting, blooming all summer; fine in mixed borders and useful as dried flowers for winter for which purpose they should be gathered before being fully open. 2 ft. 60	
2855	.35	3010	.10
2860	.25	HELIOOPSIS Pitcheriana. Showy hardy perennial with deep orange-yellow flowers all summer; fine for cutting. 4 ft. 30	
2865	.25	HELIOTROPE. A universal favorite on account of its delicious fragrance; excellent for cutting. Half-hardy perennial.	
2870	.35	3015	.25
2875	.35	Grey's Giant Dwarf. Splendid strain of low, compact growth with immense umbels of very fragrant rich-colored flowers.....	
2880	.40	3020	.25
2885	.25	Giant Hybrids. Mammoth umbels of sweet-scented flowers in great variety....	
2890	.35	3025	.10
2895	.35	Mixed Dark Varieties. Blue shades.....	
2900	.25	3030	.25
2905	.25	HELLEBORUS Mixed Hybrids. (Christmas Rose.) Largely cultivated for their flowers in midwinter, at which time they will bloom with only the protection of a cold frame. Hardy perennial. 1 ft.	
2910	.25	HESPERIS MATRONALIS. (Sweet Rocket.) Fragrant spring-flowering hardy perennial, growing freely in ordinary soils.	
GRASS, Ornamental. See page 58		3035	.10
2915	.10	3036	.05
GREVILLEA robusta. (Silk Oak). Beautiful evergreen, with fern-like foliage, magnificent for decorative purposes, and well adapted for house culture. Tender perennial 1 oz., .35; oz., 1.00		3037	.05
GYPHOPHILA (Baby's Breath). Extremely light and graceful hardy plants of easy growth, flowering from June to September. Useful for cutting to mix with other flowers.		3040	.05
2920	.05	3045	.15
2925	.05	HEUCHERA Sanguinea Splendens. Extremely pretty, dwarf hardy perennials, with small roundish leaves and numerous lovely panicles of bell-like flowers of a brilliant deep crimson, valuable for cutting. 1 ft	
2930	.15	HIBISCUS. A showy class of plants suitable for mixed beds or borders, with large and beautifully colored flowers. Free-flowering. Hardy perennials, unless noted.	
2931	.25	3050	.05
2935	.10	3055	.10
HELIANTHUS. A most valuable hardy perennial, very striking and fine for cutting as it gives an enormous crop of flowers in the late summer and autumn. 5 ft.		3060	.10
2940	.10	3065	.10
2945	.20	3070	.10
2950	.05	Palustris roseus. Large, pink. 3 ft. 25	
Autumnale Superbum. Golden yellow. Bigelowi. Golden yellow with black centre. 6 in. 50		HOLLYHOCK. One of the oldest garden favorites, and finest of our autumn flowers. Seed sown in February and potted on will bloom the same season, and July-sown seed, the next season. They require a dry, deep rich soil to successfully stand our winters; wet, heavy soils are sure death to them. Hardy biennial. 6 ft.	
HELIAANTHUS (Sunflower). Well-known hardy annuals, the small-flowering sorts being very useful for cutting, while the larger sorts are very ornamental and useful, blooming all summer		3075	.50
2955	.05	3080	.10
Double Californian. Deep yellow. 5 ft. 20		3085	.10
		Double Crimson. 40	

No.	Hollyhock, continued	Pkt.
3090	Double Purple	$\frac{1}{2}$ oz., .50 \$0.10
3095	Double Rose Pink	$\frac{1}{2}$ oz., .50 .10
3100	Double Royal Scarlet	$\frac{1}{2}$ oz., .50 .10
3105	Double Snow-White	$\frac{1}{2}$ oz., .50 .10
3110	Double Yellow	$\frac{1}{2}$ oz., .50 .10
3115	Chater's Finest Mixed. From a splendid collection of double varieties.....	$\frac{1}{2}$ oz., .50 .10
3118	Single Mixed. Finest colors.....	$\frac{1}{2}$ oz., .35 .10
3120	Allegheny. Large fringed double and semi-double flowers of silky texture in various colors.....	$\frac{1}{2}$ oz., .40 .10
3125	Everblooming Hybrids, Double, Mixed (Annual Hollyhock). Beautiful double flowers in all colors and shades, blooming readily the first season. Seed sown in March or April will bloom from July to frost. 8 ft.....	$\frac{1}{2}$ oz., .50 .10
3130	—, Single, Mixed. Like the preceding, with beautiful single flowers.....	$\frac{1}{2}$ oz., .35 .10
3135	HONESTY, Mixed (Lunaria Biennis). Early and free-flowering hardy biennial. The seed pods which are flat and broad look like transparent silver and are much prized for winter decoration. 2 ft.....	$\frac{1}{2}$ oz., .15 .05
HUMULUS (Hop). The annual sorts are rapid-growing climbers, with handsome foliage, which does not suffer from heat or the attacks of insects. The perennial sort produces the noted hop of commerce, and is a fine climber. 15 to 20 ft.		
3140	Japonicus. Green foliage. Annual.....	$\frac{1}{2}$ oz., .20 .10
3145	—variegatus. Variegated foliage	$\frac{1}{2}$ oz., .25 .10
3150	Lupulus. Hardy perennial.....	$\frac{1}{2}$ oz., .25 .10
3155	HUNNEMANNIA fumariaefolia (Giant yellow Tulip Poppy, or Bush Eschscholtzia). Perennial, with large yellow poppy-like flowers throughout the season. Blooms in three months from seed. 2 ft.....	$\frac{1}{2}$ oz., .25 .10
IBERIS (Hardy Candytuft). Free-flowering compact perennials, making a beautiful display early in the season; suitable for rockeries and borders, fine for cutting. 1 ft.		
3160	Gibbaltarica. Large white, tinged with red	$\frac{1}{2}$ oz., \$1 .15
3165	Sempervirens. The evergreen candytuft with glossy deep green foliage and white flowers.....	$\frac{1}{2}$ oz., 1.00 .15
Annual Varieties. See Candytuft.		
3170	ICE PLANT. Half-hardy annual with leaves and stems thickly covered with sparkling ice-like globules. Fine for vases and piazza boxes, also for garnishing. Flowers white. 6 inches.....	$\frac{1}{2}$ oz., .15 .05
IMPATIENS (Sultan's or Zanzibar Balsam). A very fine tender perennial for pot culture in the house or greenhouse, and very useful for summer bedding, as they are in bloom continually.		
3175	Holstii. Large, brilliant vermilion. 1 $\frac{1}{2}$ ft....	.25
3180	Holstii Hybrids. Choice colors of these large-flowered new sorts. 1 $\frac{1}{2}$ ft.....	.25
3185	Sultan. Large rich bright rose. 1 ft.....	.15
3190	INCARVILLEA Delavayi. Fine half-hardy tuberous-rooted perennial, with large bright rose-colored, bell-shaped flowers in clusters. The tubers can be taken up and stored through the winter. 2 $\frac{1}{2}$ ft.....	.25
3195	INULA, Glandulosa Grandiflora. Very bold and handsome hardy perennial with large orange-yellow flowers. 2 ft.....	.20
IPOMOEA. Splendid rapid-growing climbers, with large, bright-colored flowers; they are exceedingly pretty when grown among other climbers. Hardy annual. 15 ft.		
3200	Purpurea, Finest Mixed (Morning-Glory, CONVULVUS MAJOR). Fine colors	$\frac{1}{2}$ lb., .25; oz., .10 .05



Lavatera Trimestris

No.	Ipomoea, continued	Pkt.
3205	Purpurea, Double Mixed.....	oz., .40 \$0.10
3210	Coccinea (Star Ipomoea). Scarlet star-shaped flowers in profusion.....	oz., .25 .05
3215	Heavenly Blue. Immense beautiful flowers of bright sky-blue, seed should not be sown outside till ground is warm.....	$\frac{1}{2}$ oz., .35 .10
3220	Imperialis Japonica (Japanese Giant). Most beautiful strain, with immense flowers of finest colors and markings.....	oz., .25 .05
3225	Noctiflora Hybrida (Moonflower). Large fragrant white flowers.....	oz., \$1 .10
3230	Setosa. Enormous leaves and large rose-colored flowers in clusters.....	oz., .60 .10
Quamoclit (Cypress Vine). Finely cut, fern-like foliage and masses of brilliant star-shaped flowers.....		
3235	—Bright Scarlet.....	oz., .30 .05
3240	—Pure White.....	oz., .30 .05
3245	—Mixed. Scarlet and white.....	oz., .30 .05
3250	IRIS, Mixed Varieties. All sorts and colors of this beautiful spring and summer-blooming hardy perennial.....	$\frac{1}{2}$ oz., .25 .10
JACOB'S LADDER. See Polemonium.		
JAPANESE IVY. See Ampelopsis Veitchii.		
KENILWORTH IVY. See Linaria Cymbalaria.		
3255	KOCHIA Trichophila (Mock Cypress or Belvedere). A pretty half-hardy annual forming compact bushes about 2 $\frac{1}{2}$ ft. high, with small, feathery, light-green foliage which changes to a crimson hue in September	$\frac{1}{2}$ oz., .35 .10
3260	LANTANA HYBRIDA, New Varieties Mixed. Half-hardy perennials of shrubby growth, useful either in pots for greenhouse decoration or planted out in mixed borders; flowers in clusters, freely produced and constantly changing in hue. 2 to 3 ft.....	$\frac{1}{2}$ oz., .20 .10
LARKSPUR. See Delphinium.		

No.		Pkt.
	LATHYRUS latifolius (Perennial Pea). Handsome, free-flowering hardy perennial climber of great beauty, with clusters of elegant sweet-pea-like flowers in great profusion; useful as a cut flower. 6 ft.	
3265	Albus. Pure white, very desirable. $\frac{1}{2}$ oz., 25	\$0.10
3270	Pink Beauty. Bright rosy pink. $\frac{1}{2}$ oz., 25	.10
3275	Splendens. Rich crimson. $\frac{1}{2}$ oz., 25	.10
3280	Mixed. All colors. $\frac{1}{2}$ oz., 15	.05
	LAVATERA Trimestris (Bar Harbor Marsh Mallow). Beautiful and effective hardy annual allied to the mallows, covered during the entire summer with its pretty and showy blossoms. 2½ ft.	
3285	Bright Rose-pink. $\frac{1}{2}$ oz., 30	.05
3290	White $\frac{1}{2}$ oz., 30	.05
3295	LAVANDULA vera (Sweet Lavender). Chiefly cultivated for the delicious and lasting fragrance of its flowers. Hardy perennial. July to September. 2 ft. $\frac{1}{2}$ oz., 30	.05
3300	LEPTOSYNE maritima. Free-flowering hardy annual, with large, single yellow coreopsis-like flowers on long stems; fine for cut-flowers. August to October. 2 ft. $\frac{1}{2}$ oz., 25	.10
3305	LIATRIS spicata (Blazing Star). Desirable hardy perennial. The brilliant rosy-purple flowers are on long spikes, and freely produced. July to September. 2 ft. $\frac{1}{2}$ oz., 30	.10
3310	LINARIA alpina (Alpine Snapdragon). Covered the whole summer with deep violet flowers, having orange throats; hardy perennial. 1 ft. $\frac{1}{2}$ oz., 30	.10
3315	Cymbalaria (Kenilworth Ivy). Beautiful trailing plants for vases, baskets or rock work. $\frac{1}{2}$ oz., 30	.10
	LINUM. A valuable class of plants flowering for months and worthy of extended cultivation in masses or clumps in mixed borders. 1½ ft.	
3320	Grandiflorum Rubrum. Brilliant dark scarlet, profuse-flowering annual. $\frac{1}{2}$ oz., 30	.05
3325	Mixed Perennial Sorts. Fine. $\frac{1}{2}$ oz., 20	.10
	LOBELIA. Most useful plants, free-flowering and of easy culture. For bedding, edging, vases, etc., they are exceedingly fine. Treated as annuals, except the <i>Cardinalis</i> varieties, which are hardy perennials, and thrive best in rather moist places.	
3330	Cardinalis. Brilliant scarlet; hardy. 3 ft. $\frac{1}{2}$ oz., 30	.10
3335	—grandiflora. Flowers double the size of the old sorts; hardy. 3 ft. $\frac{1}{2}$ oz., 25	.25
3340	Crystal Palace Compacta. Extra select dark blue; fine for edgings. $\frac{1}{2}$ oz., \$1	.10
3345	Gracilis. Spreading habit with bright blue flowers; suitable for vases, etc. $\frac{1}{2}$ oz., 25	.05
3350	Heterophylla Major. Very large, brilliant sky-blue, with white eye, one of the best, coming into flower early and continuing to frost. $\frac{1}{2}$ oz., 75	.10
3355	Speciosa (Crystal Palace Variety). Spreading habit with dark blue flowers and dark foliage. $\frac{1}{2}$ oz., 40	.10
3360	White Lady. Compact, large-flowered, pure white. $\frac{1}{2}$ oz., 50	.10
3365	LOPHOSPERMUM Scandens. Beautiful half-hardy climber well suited for baskets, vases or any position where its growths can hang down rather than cling to a support, bright rosy purple. $\frac{1}{2}$ oz., 75	.10
	LOVE-LIES-BLEEDING. See <i>Amarantus</i> .	
	LUNARIA BIENNIS. See <i>Honesty</i> .	
	LUPINS. Old-fashioned and well-known annuals, very free-growing with long spikes of bright-colored pea-shaped flowers, and useful in a cut state. 2½ to 3 ft.	
3370	Cruickshanki. Dark blue; fine. $\frac{1}{2}$ oz., 30	.05
3375	Mutabilis. White, sweet-scented. $\frac{1}{2}$ oz., 30	.05



Perennial Lupins

No.	Lupins, continued	Pkt.
3380	Roseus Hybridus. Bright rose pink. $\frac{1}{2}$ oz., 40	\$0.05
3385	Mixed Annual Sorts. All colors. $\frac{1}{2}$ oz., 25	.05
	LUPINS Perennial Varieties. Handsome hardy perennials with immense spikes of pea-shaped flowers. 3 ft.	
3390	Blue. $\frac{1}{2}$ oz., 30	.05
3395	Pink. $\frac{1}{2}$ oz., 25	.25
3400	White. $\frac{1}{2}$ oz., 30	.05
3405	Mixed. All colors. $\frac{1}{2}$ oz., 30	.05
	LYCHNIS. Hardy perennials with large terminal trusses of very showy flowers, excellent for massing. 1½ to 2 ft.	
3410	Chalcedonica. Brilliant scarlet. $\frac{1}{2}$ oz., 30	.05
3415	—alba. White. $\frac{1}{2}$ oz., 50	.05
3420	Viscaria splendens. Deep red. $\frac{1}{2}$ oz., 20	.10
3425	Haageana Hybrida. Brilliant colors in mixture. $\frac{1}{2}$ oz., 40	.10
3430	LYTHRUM roseum superbum. Vigorous perennial, with spikes of bright rose-colored flowers through summer and autumn. 3 ft. $\frac{1}{2}$ oz., 15	.10
	MALOPE. Free-blooming hardy annuals, with large handsome mallow-like flowers; suitable for mixed borders and fine for cutting. July to October. 3 ft.	
3435	Grandiflora alba. White. $\frac{1}{2}$ oz., 25	.05
3440	Grandiflora rosea. Rose-pink. $\frac{1}{2}$ oz., 25	.05
	MALVA or MALLOW. Free-flowering hardy perennials, highly decorative for borders, and excellent for cutting; sown early will bloom first season.	
3445	Moschata (Muskmallow). Clusters of fragrant rose-colored flowers. $\frac{1}{2}$ oz., 25	.10



Tagetes Signata Pumila

No.	Malva or Mallow, continued	Pkt.
3450	Moschata alba. White, fragrant flowers. 2½ ft.	¼oz., .25 \$0.10
3455	Crispa (Curled Mallow). Ornamental foliage, with curled and frilled edges. Annual. 4 ft.	¼oz., .25 .10
	MARIGOLD, Double African. Handsome hardy annuals with rich and showy flowers throughout the season; making a gorgeous display in the autumn. 3 ft.	
3460	Grey's Selected Orange Prince. ....	.25
3465	Grey's Selected Lemon Queen. ....	.25
	Above two sorts specially grown for us by a Scotch specialist and are without an equal.	
3470	Collection of 6 Varieties, Separate. ....	.25
3475	Lemon. Extra selected strain.	¼oz., .30 .05
3480	Lemon Quilled. Quilled petals.	¼oz., .20 .05
3485	Orange. Extra selected strain.	¼oz., .30 .05
3490	Orange Quilled. Quilled petals.	¼oz., .20 .05
3495	Pride of the Garden. Deep yellow quilled. 1½ ft.	¼oz., .20 .05
3500	El Dorado Mixture. Finest large-flowered sorts.	¼oz., .20 .05
3501	Dwarf Mixed. 1½ ft.	¼oz., .20 .05
	MARIGOLD French. These are the small velvety flowered sorts.	
3505	Collection of 6 Varieties, Separate. ....	.25
3510	Dwarf Gold Striped. Double. 1 ft.	¼oz., .20 .05
3515	—Pulchra. Very dwarf, double striped, for edgings.	¼oz., .20 .05
3520	—Double Mixed. 1 ft.	¼oz., .20 .05
3523	Scotch Prize. Special Scotch Strain, from double striped prize flowers only. 2½ ft.	¼oz., 2.00 .25
3525	Tall Double Mixed. 2½ ft.	¼oz., .20 .05
3530	Legion of Honor (Little Brownie). Single golden-yellow, with a large spot of crimson velvet. 1 ft.	¼oz., .20 .05
3535	Signata Pumila (TAGETES). Single orange-yellow. 1 ft.	¼oz., .20 .05
3540	MATHIOLA Bicornis (Night-scented Stock). Recommended for the delightful fragrance given forth towards evening; hardy annual with purplish red flowers. 1 ft.	
	MATRICARIA (Feverfew). Free-flowering annuals, useful for groups, borders and pot culture; also fine for cut flowers. 1½ ft.	
3545	Double White (Grandiflora).	¼oz., .30 .10
3550	Double Yellow (Golden Ball). Quilled petals.	¼oz., .75 .10
3555	MAURANDYA, Finest Mixed. Elegant twining plants, with purple, rose and white flowers. Splendid for hanging-baskets, window-boxes, etc. They bloom early from seed the first season. Half-hardy perennial.	

- No. **MESEMBRYANTHEMUM.** Dwarf-growing Pkt
annuals of great beauty; excellent for rock-
eries, edgings, vases, etc.; producing their
bright star-like flowers the whole summer.
In poor soils, with full exposure to the sun,
they attain their greatest perfection. 6 in.
- 3560 **Tricolor Mixed.** Bright rose, white and
purple. ¼oz., .20 \$0.05
- 3565 **Cordifolium variegatum.** Handsome
variegated foliage and bright rose-colored
flowers.15
- Crystallinum.** See Ice Plant.

MIGNONETTE (Reseda). The most popular
and favorite annual for garden and house
culture, producing quantities of deliciously
fragrant spikes of flowers. If the plants
are thinned out to 6 inches apart, and the
tops pinched off when about 2 inches high,
stronger plants, with larger spikes of flow-
ers, will be obtained

- 3570 **Patten's Eclipse.** The immense, fragrant
spikes of flowers 10 to 15 inches long are
produced in the greatest profusion, and is
superior to all others for winter blooming,
exhibition or cutting. The seed is all
grown under glass especially for us by one
of the best-known florists of the East,
whose name it bears. oz., \$10; ¼oz., \$3 .25
- 3575 **Defiance.** Very fragrant, large spikes with
individual florets of immense size
oz., .50; ¼oz., .20 .10
- 3580 **Giant Pyramidal.** Large, fragrant spikes
of reddish flowers. oz., .50; ¼oz., .20 .10
- 3585 **Machet Improved.** Dense spikes of very
fragrant dark-red flowers; fine for pot cul-
ture. oz., .75; ¼oz., .25 10
- 3590 **Machet Golden.** Long massive spikes
with fragrant golden-yellow flowers
oz., .75; ¼oz., .25 .10
- 3595 **Machet White Pearl.** Long spikes of
fragrant white flowers. ¼oz., .75 .15
- 3600 **Miles Spiral.** Long, fragrant spikes
oz., .40; ¼oz., .15 .10
- 3605 **Odorata.** The old-fashioned common
sweet-scented sort. ¼lb., 40; oz., .15 .05
- 3610 **MIMOSA Pudica** (Sensitive Plant). A tender
annual of light and elegant growth, the
leaflets of which fold up when touched; the
pale purplish flowers are produced at the
axils of the leaves. 2 ft. ¼oz., .20 .10



Mignonette Machet

No.		Pkt.	No.	Nasturtium, continued	Pkt.
	MIMULUS. Showy half-hardy annuals, with handsome flowers, excellent for pots or garden; they thrive best in rather shaded, moist situations. They bloom early from seed.		3720	Chameleon. Various colors on one plant	
				oz., .15	\$0.05
3615	Cardinalis Grandiflorus. Large, bright scarlet. 2 ft.	\$0.10	3725	Coerulea Rosea. Rose, blue tinge	oz., .15 .05
3620	Tigrinus Grandiflorus. Large-flowered tigered and spotted varieties. 1½ ft.	.10	3730	Crystal Palace Gem. Buff, spotted	oz., .15 .05
3625	Musk (Moschatus). Well-known popular plant with fragrant yellow flowers and foliage.	¼ oz., .75 .10	3735	Dark Crimson. Fine deep color	oz., .15 .05
3630	MINA Lobata. A rapid-growing annual climber, bearing profusely racemes of orange-red flowers; prefers a warm situation.	¼ oz., .50 .10	3740	Empress of India. Deep brilliant crimson, dark foliage	oz., .15 .05
	MIRABILIS (Marvel of Peru or Four O'Clock). Well-known annuals with most brilliant flowers of various colors, suitable for beds or borders. 2 ft.		3745	Golden King. Rich golden-yellow	oz., .15 .05
3635	Mixed. Brilliant colors	oz., .15 .05	3750	King Theodore. Maroon, dark foliage	oz., .15 .05
3640	Variegated Foliage, Mixed. All colors, with green and white leaves	oz., .15 .05	3755	King of Tom Thumb. Rich scarlet, dark foliage	oz., .15 .05
	MOMORDICA. Ornamental climbing annual, with handsome fruit, which when ripe bursts open, exposing its bright red seeds and carmine interior.		3760	Lady Bird. Yellow, barred with ruby	oz., .15 .05
3645	Balsamina (Balsam Apple). Apple-shaped fruit. 10 ft.	oz., .50 .05	3765	Pearl. Pearly white	oz., .15 .05
3650	Charantia (Balsam Pear). Pear-shaped fruit. 10 ft.	oz., .50 .05	3770	Prince Henry. Yellow, scarlet spots	oz., .15 .05
	MOONFLOWER. See <i>Ipomoea</i> .		3775	Rose. Soft carmine rose	oz., .15 .05
	MORNING-GLORY. See <i>Ipomoea purpurea</i> .		3780	Ruby King. Rich ruby red, dark foliage	oz., .15 .05
	MOURNING BRIDE. See <i>Scabiosa</i> .		3785	Scarlet. Very brilliant	oz., .15 .05
	MOUNTAIN FRINGE. See <i>Adlumia</i> .		3790	Spotted King. Yellow, spotted maroon, dark foliage	oz., .15 .05
3655	MUSA Ensete (Abyssinian Banana). A splendid large-leaved, palm-like plant, suitable for open air in summer, and producing a striking effect; seedlings obtain a very large size the first season; tender perennial	100 seeds, \$1.50 .25	3795	Vesuvius. Brilliant salmon-pink, dark foliage	oz., .15 .05
	MUSK PLANT. See <i>Mimulus</i> .		3800	Columbia Mixture. Our own mixture which we make up from separate and distinct sorts; is without an equal	Lb., \$1.50; ¼ lb., .50; oz., .15 .05
	MYOSOTIS (Forget-Me-Not). These beautiful half-hardy perennials bloom the first season and succeed best in moist, shady situations. If sown in frames in July or August fine plants may be had for spring blooming. Fine for edging or in beds with pansies, daisies, etc.		3805	Ivy-leaved, Mixed. Ivy-like foliage and attractive fringed flowers	¼ lb., .75; oz., .25 .10
3660	Alpestris Grandiflora. Large, bright-blue clusters	¼ oz., .30 .10	3810	Variegated-leaved, Mixed. Beautifully variegated foliage and fine colors	¼ lb., .75; oz., .25 .10
3665	—Indigo or Royal Blue. Rich dark blue	¼ oz., .50 .10	3815	NASTURTIUM Lilliput, Finest Mixed. A distinct and fine-flowering class, with its small compact bushes and immense numbers of small blooms displayed well above the foliage; about fifty different shades of color	oz., .25 .05
3670	—Victoria. Rich bright blue of dwarf globular habit	¼ oz., .50 .10		NASTURTIUM Tall, or Running Varieties. These are the large free-flowering climbers for verandas, trellises and covering unsightly places. The seed pods picked when green and tender are used for pickling.	
3675	—Victoria Rosea. Fine pink	¼ oz., .75 .10	3820	Collection of 12 Colors. Our selection	.50
3680	Dissitiflora. Rich blue, the earliest to flower and quite distinct	¼ oz., \$1.25 .15	3825	Bright Rose.	oz., .15 .05
3685	Perfection. The large and very showy bright-blue flowers on long stalks last a long time, and are most suitable for table decoration at Christmas. Sow in June for winter blooming; the finest of all	¼ oz., \$1.50 .20	3830	Chameleon. Varying in color	oz., .15 .05
3690	Palustris Semperflorens (True Forget-Me-Not). Large azure-blue flowers from spring until autumn	¼ oz., .75 .10	3835	Coccineum. Bright scarlet	oz., .15 .05
3695	Special Mixture. All colors	¼ oz., .40 .10	3840	Dark Crimson.	oz., .15 .05
	NASTURTIUM, Dwarf or Tom Thumb Varieties. Splendid for marginal lines to borders and indispensable summer bedding plants. They succeed best and flower better in poor soil and remain longer in bloom than perhaps any other annual. 1 ft.		3845	Dunnett's Orange. Orange-red	oz., .15 .05
3700	Collection of 12 Colors. Our selection	.50	3850	Edward Otto. Brownish lilac	oz., .15 .05
3705	Aurora. Primrose, striped with carmine	oz., .15 .05	3855	Heinemanni. Chocolate color	oz., .15 .05
3710	Bronze. Bronzy-orange	oz., .15 .05	3860	Hemisphericum. Pink and yellow	oz., .15 .05
3715	Beauty. Light scarlet	oz., .15 .05	3865	King Theodore. Very deep maroon	oz., .15 .05
			3870	Luteum. Fine yellow	oz., .15 .05
			3875	Moonlight. Giant pale straw	oz., .25 .05
			3880	Pearl. Almost white	oz., .15 .05
			3885	Regelianum. Violet-ruby	oz., .15 .05
			3890	Scheuerianum. Straw-color, spotted	oz., .15 .05
			3895	—coccineum. Scarlet striped	oz., .15 .05
			3900	Sunlight. Giant, rich golden	oz., .15 .05
			3905	Vesuvius. Light salmon, dark foliage	oz., .15 .05
			3910	Von Moltke. Dark rose	oz., .15 .05
			3915	Columbia Mixture. Our own mixture which we make up from separate and distinct sorts is without an equal	Lb., \$1.50; ¼ lb., .50; oz., .15 .05
			3920	Ivy-leaved, Mixed. Ivy-like foliage and fringed flowers in variety	¼ lb., .75; oz., .25 .10
			3925	Variegated-leaved, Mixed. An exceedingly fine acquisition	¼ lb., .75; oz., .25 .10
				NASTURTIUM, Lobbianum Varieties. These differ from the tall nasturtium, in being more free-flowering, richer and brighter in color, and with darker foliage,	



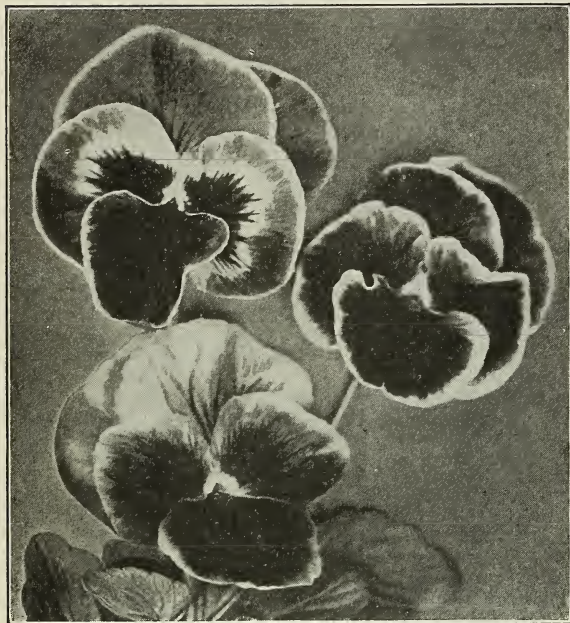
Nigella (Miss Jekyll)

No. Nasturtium, Lobbianum, continued Pkt.

and are superior for house or conservatory, also vases, baskets, etc. Are a mass of color from early summer until frost.

3930	Asa Gray. Almost white.....oz., .20	\$0.05
3935	Black Prince. Velvety black.....oz., .20	.05
3940	Brilliant. Dazzling scarlet.....oz., .20	.05
3945	Cardinal. Dark cardinal-red.....oz., .20	.05
3950	Crown Prince. Deep blood-red.....oz., .20	.05
3955	Golden Queen. Clear golden.....oz., .20	.05
3960	Margaret. Straw, crimson spot....oz., .20	.05
3965	Mercier, Lacombe. Purplish violet oz., .20	.05
3970	Napoleon III. Golden, brown spot.oz., .20	.05
3975	Primrose. Cream, brown spots....oz., .20	.05
3980	Regina. Beautiful salmon.....oz., .20	.05
3985	Rudolf Virchow. Ruby-rose.....oz., .20	.05
3990	Spitfire. Bright scarlet; splendid...oz., .20	.05
3995	Mixed. All colors..... $\frac{1}{4}$ lb., .50; oz., .20	.05
4000	Madam Gunther Hybrids. Dark foliage hybrids, and splendid rich colors many of which are new.....oz., .20	.05
4005	NEMESIA strumosa Suttoni. A most valuable introduction; long-blooming annual, with splendid large flowers varying from creamy white to deep orange and carmine; most useful for bedding. July to September. $1\frac{1}{2}$ ft.....	.20
	NEMOPHILA. Splendid showy hardy annuals for beds or edgings, blooming all summer; also beautiful decorative plants in pots for spring flowering in house or conservatory. 1 ft.	
4010	Insignis. Bright blue, white centre.oz., .25	.05
4015	Mixed. All shades.....oz., .25	.05
	NICOTIANA. Very effective annuals; in bloom throughout the season, and produce their fragrant tubular-shaped flowers in great profusion; excellent for cutting.	
4020	Affinis. White; fragrant. 3 ft.... $\frac{1}{4}$ oz., .20	.05
4025	—Mixed Hybrids. All colors.... $\frac{1}{4}$ oz., .35	.05
4030	Colossea. Giant foliage plant of a dark glossy green, with reddish ribs. 5 to 6 ft. .	.25
4035	Sanderae. Brilliant carmine red... $\frac{1}{4}$ oz., .35	.10
4040	Sylvestris. Pure white. 4 ft.... $\frac{1}{4}$ oz., .25	.05

No.		Pkt.
	NIEREMBERGIA. Graceful half-hardy perennials of slender growth, blooming profusely the whole summer; fine for vases, baskets, etc.	
4045	Frutescens. White and blue....oz., .60	\$0.10
4050	Gracilis. White and purple.....oz., .75	.10
	NIGELLA (Love in a Mist). Interesting and free-flowering half-hardy annuals, with elegant cut foliage and curious flowers, of easy culture and last a long time in perfection. $1\frac{1}{2}$ ft.	
4055	Miss Jekyll. Beautiful long-stemmed variety, bright cornflower blue.... $\frac{1}{4}$ oz., .25	.05
4060	Mixed. Shades of blue, and white.oz., .25	.05
4065	NYCTERINIA, Finest Mixed. Large heads of sweet-scented star-shaped flowers, produced through the whole season; hardy annual..... $\frac{1}{4}$ oz., .25	.05
	OENOTHERA (Evening Primrose). A magnificent class of plants, with large showy blossoms, preferring a light sandy soil and warm, sunny situations; July to October. 2 to 3 ft.	
4070	Annual Varieties. Mixed..... $\frac{1}{4}$ oz., .15	.05
4075	Perennial Varieties. Mixed.... $\frac{1}{4}$ oz., .15	.05
4080	ONONIS rotundifolia. A very handsome and most desirable hardy perennial, with rose-pink, pea-shaped flowers. July to September. $1\frac{1}{2}$ ft..... $\frac{1}{4}$ oz., .75	.10
	OXALIS. Very dwarf and fast growing hardy perennials, best suited to rockwork, edgings, vases, etc. 6 inches.	
4085	Alba. Fine white flowers..... $\frac{1}{4}$ oz., .75	.10
4090	Rosea. Bright rose-colored flowers $\frac{1}{4}$ oz., .75	.10
4095	Tropaeoides. Dark bronze foliage, deep yellow flowers..... $\frac{1}{4}$ oz., .50	.10
	PANSY. Too much importance cannot be attached to the culture of these beautiful plants. For early spring blooming the seed should be sown in July or August and the plants protected during winter. Early spring-sown seed will give fine blooms during summer and fall. A good cool rich soil is essential. Rotted cow manure is the best fertilizer for them, and one cannot use too much of it. No fertilizer of a heating nature should be used; give plenty of water through dry weather. You cannot grow good pansies under trees.	
4100	Grey's Prize Exhibition Strain. This splendid mixture represents the highest perfection of large-flowering, new high-colored sorts; their brilliancy and richness are most striking..... $\frac{1}{4}$ oz., \$4; $\frac{1}{4}$ oz.\$2.50	.50
4105	Grey's Special Mixture. A grand mixture of the finest varieties, and one of the richest ever sent out; very striking and recommended for market growing oz., \$6; $\frac{1}{4}$ oz., \$1.75	.25
4110	Bugnot's Superb Blotched. Very beautiful class of large flowers with broad blotches. Many of the upper petals are finely lined or veined; great diversity of the handsomest and rarest colors..... $\frac{1}{4}$ oz. \$2.50	.25
4115	Cassier's Giant Odier. A strain of great excellence, producing very large, rich and showy flowers..... $\frac{1}{4}$ oz. \$1.75	.25
4120	English Show. Faced varieties, a selected strain of the finest large-flowering sorts with well-defined eyes; very compact growth.....oz., \$3; $\frac{1}{4}$ oz., \$1	.15
4125	French Stained. Very large flowers in choice colors, beautifully stained oz., \$3; $\frac{1}{4}$ oz., \$1.00	.10
4130	Giant Trimardeau. Very showy and vigorous class, flowers of fine colors and enormous size.....oz., \$2; $\frac{1}{4}$ oz., .60	.10



Pansy

No.	Pansy, continued	Pkt.
4135	Masterpiece. Frilled edged, giant flowers of choicest colors.....oz., \$5; ¼ oz., \$1.50	\$0.25
4140	Non Plus Ultra. Choicest mixture, of large size and finest colors oz., \$5; ¼ oz., \$1.50	.25
4145	Superior Quality Mixed (Butterfly). A splendid strain of large-flowering sorts oz., \$2; ¼ oz., .60	.10
4150	Fine Mixture. Fine showy flowers.....oz., \$1; ¼ oz., .30	.05
PANSY GIANT in Separate Colors.		
4155	Collection of 6 Colors. Our selection...	.50
4160	Adonis. Light blue; beautiful....¼ oz., .75	.10
4165	Atropurpurea. Dark blue.....¼ oz., .75	.10
4170	Bronze. Brownish red.....¼ oz., .75	.10
4175	Emperor William. Ultramarine blue.....¼ oz., .60	.10
4180	Fire King. Crimson, yellow edge....¼ oz., .75	.10
4185	Golden Gem. Pure yellow.....¼ oz., .75	.10
4190	Golden Yellow. Dark eye.....¼ oz., .75	.10
4195	Hortensia Red. Beautiful color...¼ oz., \$1	.10
4200	King of the Blacks. Velvety....¼ oz., .75	.10
4205	Lord Beaconsfield. Violet, top petals shading off to white.....¼ oz., .75	.10
4210	Mme. Perret. Rose and crimson...¼ oz., \$1	.15
4215	Peacock. Peacock-blue, white edge ¼ oz., \$1	.15
4220	Psyche. Velvety violet, bordered with white, waved petals.....¼ oz., \$1.50	.25
4225	Ruby King. Purplish red shades...¼ oz., \$1	.15
4230	Silver-Edged. Extra fine.....¼ oz., .75	.10
4235	Snow Queen. Pure white.....¼ oz., \$1	.15
4240	Striped. Extra fine.....¼ oz., .75	.10
4245	Violet. Fine violet-blue.....¼ oz., .75	.10
4250	Vulcan. Brilliant dark red with five black blotches, grand effect.....¼ oz., \$2.50	.25
4255	White. Pure white, dark eye.....¼ oz., .75	.10
TUFTED PANSIES. See Viola.		
4260	PASSIFLORA Coerulea (Passion Flower). Fast growing and free-flowering, ornamental perennial climbers, with large showy blue flowers, suitable for conservatory or outside in summer.....	.10
PELARGONIUM. See Geranium.		

No.		Pkt.
	PENTSTEMON. Valuable class of perennials but are best treated as annuals. Seed sown in February or March will make a fine display the same season. The beautiful tubular gloxinia-like flowers are freely produced in almost every shade and color. 2 to 3 ft.	
4265	Large Flowering Hybrids. Superb strain saved from the finest large-flowered sorts, colors are rich and varied.....¼ oz., .75	\$0.15
4270	Atropurpurea. Purplish-red, white throat ¼ oz., .35	.10
4275	Digitalis. White, violet tint.....¼ oz., .25	.10
4280	Lobbi. Fine golden-yellow.....¼ oz., .75	.15
4285	Murrayanus Grandiflorus. Large, bright scarlet.....¼ oz., .75	.15
4290	Speciosus. Extra deep blue.....¼ oz., .35	.10
PERENNIAL PEA. See Lathyrus.		
4295	PERILLA atropurpurea laciniata. Dark bronzy purple fringed foliage; very ornamental hardy annual. 2 ft.....oz., .25	.05
	PETUNIA. An exceedingly attractive and favorite hardy annual for both indoor and outdoor cultivation; when not in too rich soil they will flower most profusely through the summer. For borders, vases and baskets as well as for pot culture they are strongly recommended. 1 to 1½ ft.	
4300	Dwarf Rose. Fine bright color. 6 in. ¼ oz., \$1	.15
4305	Dwarf Striped. Beautifully striped. 6 in. ¼ oz., \$1	.15
4310	Dwarf Pure White. Satiny white...¼ oz., \$1	.15
4315	Howard's Star. Rich dark crimson with five-pointed white star.....¼ oz., \$1	.15
4320	Kermesina. Crimson.....¼ oz., .25	.10
4325	Rosy Morn. Lovely bright pink...¼ oz., \$1	.10
4330	White. Pure white, free bloomer...¼ oz., .25	.10
4335	Striped and Blotched. Excellent strain with flowers beautifully striped and blotched.....oz., \$1.50; ¼ oz., .50	.10
4340	Extra Mixed. Rich colors, superb strain oz., \$1.50; ¼ oz., .50	.10
4345	Fine Mixed. Choice colors oz., .75; ¼ oz., .25	.05
	Grandiflora, or Large-flowering Sorts. These excellent sorts have extremely large flowers of the richest colors, and are of fine form and substance. The quality is unsurpassed, and we recommend them very highly.	
4350	—Fringed Perfection. Immense ruffled and finely fringed flowers; exquisite colors	.25
4355	—Superb California Giants. The flowers of this re-selected strain are deep throated and very large, of great excellence and variety of colors.....	.25
4360	—Superb Ruffled Giants. A California strain of extraordinary size and colors, with deeply ruffled or fluted edges.....	.25
4361	—Snow Storm. Immense ruffled and fringed snow-white flowers.....	.25
	Double Large-flowering Sorts. Seed saved from the most carefully hybridized flowers; produce but a small percentage of double flowers, the balance being single, of extra quality. The weaker seedlings should be carefully saved, as these invariably produce the finest double flowers.	
4365	—Fringed, Grey's Select. One of the finest strains in existence. The double flowers are very large, full and beautifully formed, having the edges of the petals elegantly fringed; finest colors.....	.50
4370	—Grandiflora Mixed. Choice strain of fine colors and large flowers.....	.25
4375	PHACELIA Campanularia. Beautiful annual with rich, deep-blue bell-shaped flowers; blooms in about eight weeks from seed. ¼ ft. .....¼ oz., .30	.05

No.		Pkt.
	PHLOX DRUMMONDI. These beautiful hardy annuals continue in bloom the whole of the summer, and for bedding or massing nothing can surpass them for brilliancy and richness of color or profusion of flowers. 1 to 1½ ft.	
4380	Grandiflora Collection of 6 Colors. Separate.....	\$0.50
4385	— Finest Mixed. An improved strain with very large flowers and superb colors.....	
	.....½ oz., .35	.10
4390	— Brilliant Scarlet.	½ oz., .35 .10
4395	— Crimson. White star center.....	½ oz., .35 .10
4400	— Deep Blood-Red.	½ oz., .35 .10
4405	— Pink. Fine shade.....	½ oz., .35 .10
4410	— Pure White.	½ oz., .35 .10
4415	— Yellow.	½ oz., .35 .10
4420	Cuspidata, Finest Mixed. Beautiful star-shaped flowers in showy colors.....	½ oz., .35 .10
4425	Dwarf, Extra Mixed. An excellent, compact strain for pot culture or edgings, blooming early and throughout the season, large flowers in finest colors. 6 in. ½ oz., .75	.15
4430	— Bright Scarlet.	½ oz., \$1 .15
4435	— Daybreak Pink.	½ oz., \$1.25 .15
4440	— Pure White.	½ oz., \$1 .15
4445	Double, Mixed. Fine colors.....	½ oz., .75 .15
4450	PHLOX DECUSSATA, Newest Hybrids. Tall-growing, perfectly hardy plants with immense trusses of large and beautiful flowers in the greatest range of colors. 3 to 4 ft.	½ oz., .75 .10
4455	PHORMIUM tenax foliis variegatis (New Zealand Flax). Handsome decorative plant for greenhouse or garden. The rigid erect leaves are often 6 feet in length, narrow dark green, striped with rich yellow and white. The spikes of orange-colored flowers are 8 to 12 feet high. ....	.25
4460	PHYSALIS Francheti (Lantern Plant). Hardy perennial, treated as an annual, fruiting first season from seed. A Japanese variety of the ground cherry, with large brilliant red seed-capsules which retain their color for months; fine for winter decoration. 2 ft.	½ oz., .30; oz., \$1 .10
4465	PHYSOSTEGIA Virginica (Texas Heath). Fine hardy perennial resembling a giant heather with beautiful pink flowers through the summer; fine for cutting. 2 ft. ½ oz., .50	.10
4470	Virginica alba. Large white.....	½ oz., .75 .10
	PINKS. See <i>Dianthus</i> .	
4475	PLATYCODON Grandiflora. Handsome hardy perennial, with large deep-blue, bell-shaped flowers, from June to October; allied to the campanula. 2 ft.	½ oz., .25 .10
4480	Grandiflora alba. Large white.....	½ oz., .25 .10
4485	Mariesi. Dwarf compact sort with rich blue flowers. 1 ft.	½ oz., .30 .10
4490	POLEMONIUM coeruleum, Mixed (Jacob's Ladder). Fine hardy perennials, with large heads of showy flowers, easily grown in any good garden soil. May to August. 2 ft.	½ oz., .25 .10
	POPPIES, Single Annual Varieties. For hardiness and easy culture these showy plants cannot be surpassed. They are very free-flowering and make a gorgeous display.	
4495	Admiral. Large single, white with a broad edge of bright scarlet.....	½ oz., .25 .10
4500	Danebrog. Single scarlet with white blotch on each petal.	½ oz., .25 .05
4505	English Scarlet. The common scarlet field poppy.....	½ oz., .40 .05
4510	Glaucum (Tulip Poppy). Vivid scarlet. 1 ft.	½ oz., .20 .10



No.		Pkt.
	Oriental Poppy	
	Poppies, Single, continued	
4515	Shirley, Extra Selected. A much improved strain with flowers of large size and from the most distinct and charming colors of this lovely race of single poppies. The flowers are of a shining silky texture, and the bright delicate colors in the greatest variety possible are to be had in this strain. 2 ft.	½ lb., \$1.50; oz., .50 \$0.05
4520	— Salmon Shades. Novel and effective tints.	½ oz., .25 .10
4525	The Bride. Beautiful large pure white. 2 ft.	½ oz., .30 .05
4530	Umbrosum. Rich vermilion with black spot at base of each petal. 1½ ft.	½ oz., .30 .05
4535	Collection of 6 Single Varieties. Our selection.....	.25
	POPPIES, Double Annual Varieties.	
4540	American Flag. Large snow-white fringed flowers, bordered with scarlet. 2 ft.	½ oz., .30 .05
4545	Cardinal Hybrids. Semi-dwarf, beautiful class, with large flowers in richest and brightest colors.....	½ oz., .25 .10
4550	Carnation Flowered Mixed. Large showy fringed flowers in choice colors.....	½ oz., .25 .05
4555	Japanese Pompon Mixed. Beautiful small double flowers in finest colors. 1 ft.	½ oz., .35 .10
4560	Mikado. Double white fringed petals tipped with crimson. 2 ft.	½ oz., .25 .05
4565	Paeony-flowered Mixed. Immense globular flowers, resembling the paeony; in choice colors. 2 ft.	½ oz., .20 .05
4570	— Pink. Immense double bright pink.....	½ oz., .30 .05
4575	— Scarlet. Immense double brilliant scarlet.....	½ oz., .30 .05
4580	— White. Immense double pure white.....	½ oz., .30 .05
4585	— Yellow. Immense double clear yellow.....	½ oz., .30 .05
4590	Gaw's Victoria. Most beautiful pink color and extensively grown in Scotland and the North.....	½ oz., .25 .10
4595	White Swan. Dwarf white. 1 ft.	½ oz., .15 .05
4600	Collection of 6 Double Varieties. Our selection.....	.25

No.		Pkt.
	POPPY, Hardy Perennial Varieties.	
4605	Alpine, Mixed. Pretty dwarf free-flowering sorts, in delicate colors. $\frac{1}{2}$ ft.	\$0.10
4610	Bracteatum. Large deep crimson, early 2 ft.	$\frac{1}{2}$ oz., .20 .10
4615	Nudicaule, Single, Mixed (Iceland Poppy). Beautiful border plant with bright, delicate colors, and if sown early will bloom the first year. 1 ft.	$\frac{1}{2}$ oz., .30 .10
4620	— Bright Yellow.	$\frac{1}{2}$ oz., .50 .10
4625	— Orange Scarlet.	$\frac{1}{2}$ oz., .50 .10
4630	— Pure White.	$\frac{1}{2}$ oz., .50 .10
4635	— Double Mixed. All colors.	$\frac{1}{2}$ oz., .50 .10
4640	Orientele. Very large brilliant scarlet with black blotch. 3 ft.	$\frac{1}{2}$ oz., .50 .10
4645	— Blush Queen. Large pale pink.	$\frac{1}{2}$ oz., \$1 .15
4650	— Royal Scarlet. Immense flowers.	$\frac{1}{2}$ oz., \$1 .15
4655	— Parkmanni. Very large deep red.	$\frac{1}{2}$ oz., \$1 .15
4660	— Hybrids. From a choice collection, producing many shades.	$\frac{1}{2}$ oz., .50 .10
	PORTULACA. One of our finest hardy annuals, specially adapted to light soils, dry sunny situations and exposed rockeries. The rich and brilliant-colored flowers are produced in the greatest profusion during the hottest weather. 6 inches.	
4665	Double Flowered, Mixed. Perfectly double flowers in brilliant and striking colors.	$\frac{1}{2}$ oz., \$1 .10
4670	Single Flowered, Mixed. Large flowers in most brilliant colors.	oz., .50; $\frac{1}{2}$ oz., .15 .05
4675	— Rose.	oz., .60; $\frac{1}{2}$ oz., .20 .05
4680	— Scarlet.	oz., .60; $\frac{1}{2}$ oz., .20 .05
4685	— White.	oz., .60; $\frac{1}{2}$ oz., .20 .05
4690	— Yellow.	oz., .60; $\frac{1}{2}$ oz., .20 .05
4695	— Collection of 8 Colors. Separate.	35
	POTENTILLA. A showy class of hardy perennials, producing in great abundance rich-colored flowers of velvety texture; July to October. $1\frac{1}{2}$ to 2 ft.	
4700	Double Hybrids, Mixed. ....	.25
4705	Single Hybrids, Mixed. ....	.10
	PRIMULA or PRIMROSE. Hardy and half-hardy sorts. The following Primulas are exceedingly charming and useful plants for growing under glass or in the open air. Most of the hardy sorts require, in our climate, protection during winter.	
4710	Auricula. Saved from a large and varied collection of choice colors. ....	.25
4715	Garden Primrose New Hybrids (ACAULIS). An excellent large-flowering strain of bright colors. ....	.25
4720	— Blue. Clear blue color. ....	.25
4725	— Yellow. True yellow English primrose	.15



Primula Auricula



Giant Polyanthus Primrose

No.	Primula, continued	Pkt.
4730	Polyanthus, Giant Mixed. New large-flowering strain of the brightest colors.	\$0.25
4735	— Finest Fancy Mixed. Extra choice strain. ....	.10
4740	— Gold Laced. Showy and attractive yellow-edged sorts. ....	.15
	PRIMULA Chinensis (Chinese Primrose). All our Chinensis and Stellata primroses are grown for us by an English specialist who grows nothing but Primulas, and our strains of these were among the best exhibited for the last two seasons. For excellence in every point they cannot be equalled.	
4745	Grey's Giant White. The largest and best white ever sent out, flowers of great substance.	1.00
4750	Grey's Giant Pink. The finest and largest bright pink; petals extremely large and of great substance.	1.00
4755	Grey's Giant Crimson. Most lovely rich velvety crimson, fine habit, good substance and very free-flowering.	1.00
4760	Grey's Giant Salmon. A distinct and valuable sort with massive trusses of salmon-pink flowers well above the foliage.	1.00
4765	Grey's Giant True Blue. Beautiful fringed blossoms of immense size, fine substance and freely produced; the best blue	1.00
4770	Grey's Orange King. A grand new sort, said to be an entirely new color in Primulas, a beautiful orange color in bud and when open of a terra-cotta color shaded with orange-salmon around the edge; very large and free.	1.00
4775	Giant Art Shade. One of the most lovely yet introduced. The immense blooms are fringed and curved; the color is an art shade of an intense fiery glare.	1.00
4780	Giant Brilliant King. Large and erect blooms, forming a pyramid of beautiful rich crimson flowers; superb sort. ....	.75
4785	Giant Chiswick Red. Improved strain, with large beautifully fringed crimson scarlet flowers	.75
4790	Giant Crimson King. The large deep rich crimson bloom with a dark brown eye make it one of the most brilliant and effective	.75



Primula Chinensis

No.	Primula Chinensis, continued	Pkt.
4795	Giant Covent Garden White, Improved. Flowers very large white and beautifully fringed; a very free-flowering improved strain.....	\$0.75
4800	Giant Delicata. Free-flowering beautiful soft pink, with very large erect blooms....	.75
4805	Giant, His Majesty. Magnificent new sort, with distinct glossy foliage and massive, finely-fringed, velvety, dark crimson blooms; one of the finest ever raised.....	.75
4810	Giant Queen of White. Very large and free-flowering white sort; splendid.....	.75
4815	Giant Ruby Queen. One of the finest of all the deep red sorts, the flowers are large finely fringed, and of an intense rich scarlet with bright yellow eye.....	.75
4820	Giant Royal Blue. Large flowers of a rich dark-blue color, great substance, elegant form and very free-flowering.....	.75
4825	Giant Duchess. Most distinct and beautiful, having large pure white flowers with a zone of carmine crimson around a clear yellow eye.....	.75
4830	Giant, The Pearl. Valuable market sort. The blooms are pure white and very large; robust and very free-flowering.....	.75
4835	Grey's Giant Mixture. A grand mixture of giant primroses.....	1.00
4840	Half packet of Giant Mixture.....	.50
	PRIMULA Stellata or Star Primrose. This valuable and very distinct variety should be extensively grown for greenhouse and table decoration. The innumerable star-shaped flowers make an effective contrast to the attractive dark foliage.	
4845	Blue Star Improved. A strain of very large dark blue flowers and pale green foliage.....	.75
4849	Brilliant Rose Star. Bright rose flowers and graceful, dark green fern leaf foliage, which is red underneath.....	.75
4850	Crimson Star. Fine colored sort with large, brilliant, rich crimson flowers.....	.75

No.	Primula Stellata, continued	Pkt.
4860	King of Star. Improved deep crimson, with beautiful foliage, distinct.....	\$0.75
4865	Miss Irene. A very pretty shade of salmon pink with light green foliage.....	.75
4870	Salmon Pink Star. Greatly improved strain and a charming companion to the following white star.....	.75
4875	White Star. Improved, large pure-white flowers produced in great abundance, relieved by the dark foliage.....	.75
4880	Mixed Star. A special mixture of all the best sorts of Stellata Primulas.....	.75
	PRIMULA Obconica. A beautiful and continuous blooming variety with handsome spikes of flowers and pretty foliage. For winter blooming seed should be sown in April or May in good porous loam. The grandiflora sorts are the freest blooming, but the individual flowers are not as large as the gigantea type.	
4885	Grandiflora alba. Large pure white.....	.25
4890	— Carminea. Large carmine red.....	.25
4905	— Hybrida. Finest large-flowered sorts, mixed.....	.25
4910	Giant Fimbriata. Giant fringed sorts.....	.50
4913	— Apple Blossom. Delicate Pink.....	.50
4915	— Bright Rose......	.50
4920	— Lilacina. Dark lilac.....	.50
4923	— Oculata. Dark-eyed varieties.....	.50
4924	— Purpurea. Beautiful purple.....	.50
4925	— Rich Crimson......	.50
4930	Forbesii (Baby Primrose). This is like the Obconica in habit with showy rosy-lilac, yellow-eyed flowers, a continuous bloomer and may be had in flower in 3 months after sowing.....	.25
4935	PRIMULA Kewensis. A great acquisition as a winter-flowering decorative plant and excellent for cutting. The flowers are bright yellow, very fragrant on erect stems 12 to 18 inches long.....	.50
	PYRETHRUM. Handsome hardy perennials, indispensable for herbaceous borders or for cutting; they grow best in cool, moist situations. 2 ft.	
4940	Atrosanguineum, Single. Deep crimson, yellow eye.....	1oz., .50



Primula Obconica



Salpiglossis (Large Flowering)

No.	Pyrethrum, continued	Pkt.
4945	Double Hybrids, Mixed. Saved from a choice strain, and giving a good percentage of double and semi-double flowers in finest colors.	\$0.25
4950	Single Hybrids, Mixed. Single daisy-like flowers in rich colors. ....	.10
4955	Grandiflorum Hybrids. Superb new large-flowering sorts, with immense single flowers of richest colorings. ....	.15
4900	PYRETHRUM Aureum (Golden Feather). Bright golden foliage used extensively for summer bedding, edgings and ribbon work. Treated as annuals. 3 ft. ....	.05
4965	Selaginoides. Bright golden fern-like foliage. ....	.10
4970	RANUNCULUS, Double Mixed French. Beautiful double buttercup-like flowers in great variety of choice colors; flowering first season from seed; hardy with protection. 3 ft. ....	.10
	RESEDA. See Mignonette.	
4975	RHODANTHE, Mixed. Handsome pink and white, annual everlasting, excellent for bouquets of dried flowers. 1 ft. ....	.05
4980	Manglesi. Bright pink, beautiful. ....	.05
	RICINUS (Castor Oil Bean). Large, luxuriant, rapid-growing foliage plants, with immense palm-like leaves and brilliant colored fruit. In center of beds or singly on lawns, they produce a fine effect; half-hardy annual.	
4985	Borboniensis. Large purplish green leaves. 15 ft. ....	.05
4990	Cambodgensis. Best dark-leaved sort. 6 ft. ....	.05
4995	Gibsoni. Dark purple stems and foliage. 6 ft. ....	.05
5000	Gibsoni Mirabilis. Dwarf reddish foliage. 4 ft. ....	.05
5005	Sanguineus. Red stalks and fruit. 8 ft. ....	.05
5010	Zanzibarensis Mixed. A distinct race with enormous leaves varying in color from pale green to brownish purple. ....	.05
5015	Mixed. All sorts. ....	.05

No.		Pkt.
5020	ROMNEYA Coulteri (Giant White California Poppy). A Californian perennial with immense pure-white, fragrant flowers with golden centre, blooming continually from June to September; makes a fine pot plant and requires protection in winter. The seed will sometimes remain dormant for months after planting. 3 ft.	\$0.15
	RUDBECKIA (Cone Flower). Beautiful border plants lasting a long time in bloom and excellent for summer and autumn display; each bloom is like a miniature sunflower. 2 ft.	
5025	Bicolor Superba. Orange-yellow with velvety brown centre; annual. ....	.20
5030	Newmani. Golden yellow with velvety maroon centre; hardy perennial. ....	.15
5035	Purpurea. Handsome hardy perennial with large reddish-purple flowers. ....	.15
5040	SAINTPAULIA ionantha grandiflora. Charming greenhouse plant, with beautiful deep blue flowers 1 1/4 inches in diameter, resembling the violet. ....	.25
	SALPIGLOSSIS, Improved Large Flowering. Very beautiful free-flowering annuals in great variety of color. The large richly colored flowers are elegantly veined and penciled, blooming from July to frost, and are splendid for cutting. 2 ft.	
5045	Purple, Golden Veined. Large. ....	.50
5050	Rose, Golden Veined. Large. ....	.50
5055	Scarlet, Golden Veined. Large. ....	.50
5060	Large Flowering, Mixed. The above and many other beautiful colors. ....	.50
5065	Emperor, Mixed. A robust class with only one leading stem covered with immense flowers of richest colors. ....	.75
5070	Collection of 6 Colors. Separate. ....	.50
	SALVIA. One of our handsomest and most showy summer and autumn-flowering plants, forming compact bushes, which are literally ablaze with brilliant flowers from July to frost. Tender perennial, but blooms first season from seed.	
5075	Farinacea. Remarkable for its long flower spikes of lavender blue. 3 ft. ....	.50
5080	Patens. Rich, intense blue. 2 ft. ....	.25
5085	Splendens Bonfire. Finest compact sort of very even growth with dense spikes of vivid dark scarlet flowers. 2 1/2 ft. ....	.15
5090	Splendens Fireball. Compact sort with large scarlet flower spikes, early and rich flowering. 2 ft.	\$1.50
5095	Splendens Grandiflora. Large brilliant scarlet flower-spikes. The most popular sort grown. 3 ft. ....	.75
5100	Zurich. The very earliest flowering variety; it is of a rich scarlet and suitable for pot growing as it is very dwarf. 1 ft. ....	.75
5105	SANVITALIA procumbens fl. pl. Pretty free-flowering hardy annual, with double flowers of a bright yellow. 9 in. ....	.25
	SAPONARIA. A beautiful class of compact-growing hardy annuals, with small starry flowers from July to September; suitable for beds or borders, and fine for cutting.	
5110	Vaccaria. Profuse blooming with beautiful pink feathery flowers. 3 ft. ....	.25
5115	Vaccaria Alba. White flowered, a fine market flower. ....	.25
	SCABIOSA, Improved Large Flowering (Mourning Bride). One of our best summer-flowering annuals. The rich and beautiful colored flowers are very handsome and excellent for cutting; profuse bloomer. June to October. 2 1/2 ft.	
5120	Azure Fairy. Delicate mauve. ....	.20

No.	Scabiosa, continued	Pkt.
5125	Cherry Red. Bright attractive color oz., .50	\$0.05
5130	Fiery Scarlet. Brilliant color.....oz., .60	.05
5135	King of Blacks. Black purple.....oz., .60	.05
5140	Rose Pink. Beautiful shade.....oz., .60	.05
5145	Purple, Edged White. Very dark with white edge.....oz., .60	.05
5150	White. Large, pure white.....oz., .50	.05
5155	Mixed. All colors.....oz., .50	.05
5160	Collection of 6 Colors. Our selection....	.25

SCABIOSA Hardy Perennial Varieties.
Of great value either in the herbaceous border or for cutting. 2 ft.

5165	Caucasica. Beautiful lilac blue... $\frac{1}{2}$ oz., \$1	.15
5170	Large Flowered Hybrids. New, soft and delicate colors in great variety.....	.25

SCARLET RUNNER. See Bean.

SCHIZANTHUS (Butterfly Flower). Beautiful and showy erect-growing hardy annuals for house or garden; very free flowering, continuing through the summer and autumn. 1 $\frac{1}{2}$ ft.

5175	Hybridus Grandiflorus. Very fine new large-flowered varieties in very effective colors..... $\frac{1}{2}$ oz., .75	.15
5180	Large Flowering Hybrids, Red Shades. New strain containing the brightest as well as the most delicate shades of red.....	.25
5185	Wisetonensis. Containing the most delicate shades of white, pink, rose and crimson; excellent for pot culture.....	.25

5190	SCHIZOPETALUM Walkeri. Hardy annual producing quantities of white almond-scented flowers, which are elegantly fringed at the edges. June to Oct. 1 ft... $\frac{1}{2}$ oz., .35	.10
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5195	SEDUM, Mixed (Stonecrop). Suitable for rockwork, edgings and dry situations; their glaucous foliage and bright flowers invariably attract attention; hardy perennial. 4 inches..... $\frac{1}{2}$ oz., .35	.10
5200	Coeruleum. Blue-flowered annual variety, very useful in borders, rockeries, etc. $\frac{3}{4}$ oz., .75	.15

SENSITIVE PLANT. See Mimosa

5205	SHAMROCK. True small-leaved variety, resembling a very small-leaved clover; imported seed..... $\frac{1}{2}$ oz., .50	.10
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SILENE (Catchfly). Very pretty and profuse-blooming plants, with bright and attractive flowers; extremely useful and doing well in any ordinary soil.

5210	Armeria, Mixed. Free-flowering hardy annual with pink, white and red flowers. 1 ft.....oz., .25	.05
5215	Pendula Peach Blossom. Beautiful bright pink annual variety for spring bedding, edgings, etc.....oz., .75	.05
5220	Orientalis. Fine hardy perennial with large globular heads of beautiful pink flowers; blooms from June to August and is fine for cutting; flowers first season from seed. 2 $\frac{1}{2}$ ft..... $\frac{1}{2}$ oz., .15	.05

5225	SMILAX (MYRSIPHYLLUM ASPARAGOIDES). A climbing plant, unsurpassed for its graceful foliage and orange-blossom fragrance of its flowers.....oz., .50	.10
5230	Myrtle-leaved. New and distinct form, more graceful than preceding 100 seeds, .75	.20

SNAPDRAGON. See Antirrhinum.

5235	SOLANUM Capsicastrum Nanum (Jerusalem Cherry). Very ornamental plants for winter decoration in house or greenhouse, being almost completely covered with bright scarlet berries. They flower and fruit the first season from seed. 1 ft.....	.10
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Stock (Ten-week, Large Flowered)

No.	Stock (Ten-week, Large Flowered)	Pkt.
5240	STATICE Mixed. Beautiful hardy perennial, free-flowering and of easy culture in poor soils and dry situations; very showy in beds or borders, and remain a long time in bloom, when dried can be used in winter bouquets, \$0.10	
	STEVIA. Free-flowering greenhouse perennials with sprays of tiny flowers, extensively grown by florists. They bloom profusely from seed the first season, and are treated as annuals. 2 ft.	
5245	Eupatoria. Fine pinkish white. ....	.10
5250	Serrata. Pure white; fragrant.....	.15
	STOCKS (Gilliflower). One of the most highly prized of all our cultivated flowers. The delightful fragrance, free-blooming character and beautiful colors have made them as desirable for winter cultivation in the greenhouse as for the garden in summer, and they are invaluable as cut-flowers for all floral decorations. Sowings should be made at intervals from March to June for a succession of bloom in the garden. Our seeds are grown for us by one who makes this flower a specialty, and for doubleness, size of flowers and clearness of color, they cannot be surpassed.	
	Large Flowered Double Ten Weeks.	
	PERPETUAL PERFECTION (Cut and Come Again) An excellent variety of fine branching habit, with large double flowers in great abundance from June till frost. 1 $\frac{1}{2}$ ft.	
5255	Apple Blossom Pink ...oz., \$5; $\frac{1}{2}$ oz., \$1.50	.10
5260	Bright Rose.....oz., 5; $\frac{1}{2}$ oz., 1.50	.10
5265	Canary Yellow.....oz., 5; $\frac{1}{2}$ oz., 1.50	.10
5270	Dark Blood Red.....oz., 5; $\frac{1}{2}$ oz., 1.50	.10
5275	Dark Blue.....oz., 5; $\frac{1}{2}$ oz., 1.50	.10
5280	Light Blue.....oz., 5; $\frac{1}{2}$ oz., 1.50	.10
5285	Scarlet.....oz., 5; $\frac{1}{2}$ oz., 1.50	.10
5290	Snow White.....oz., 5; $\frac{1}{2}$ oz., 1.50	.10
5295	Mixed, Extra. The above and many other colors.....oz., 5; $\frac{1}{2}$ oz., 1.50	.10
5300	Collection of 6 Colors. Our selection....	.50

No.	Stocks, continued	Pkt.
SPECIAL LARGE FLOWERING PERFECTION TEN WEEKS. Exceedingly fine varieties producing an extraordinary high percentage of double flowers, of robust growth with numerous side branches. The flowers are uncommonly large and very fragrant; free and long bloomer. 2 ft.		
5305	Beauty of Nice. Delicate pink	1 oz., \$1 .15
5310	Bismarck. Pure white	1 oz., .15
5315	Crimson King. Rich deep crimson	1 oz., .15
5317	Golden Feather. Rich yellow	1 oz., .15
5320	Queen Alexandra. Rosy lilac	1 oz., .15

MAMMOTH COLUMN TEN WEEKS. Splendid variety and the earliest flowering of all the ten-weeks' stocks; produces only one spike of large double flowers. 2½ ft.		
5325	Dark Blue	1 oz., \$1 .15
5330	Gloria. Blood-red, extra	1 oz., .15
5335	Light Blue	1 oz., .15
5340	Rose Pink	1 oz., .15
5345	Snow White	1 oz., .15

	DWARF BOUQUET TEN WEEKS. This is the finest dwarf stock for growing in pots or for edgings; it is of bushy habit with beautiful double flowers. 8 inches.	
5350	Crimson. Fine deep color.	1 oz., .75 .15
5355	Pure White. Excellent.	1 oz., .75 .15
5360	Mixed. All colors.	1 oz., .75 .15
5365	STOKESIA Cyanea (Cornflower Aster). Beautiful hardy perennial, with lavender-blue cornflower-like blossoms from July to frost. 2 ft.	1 oz., .50 .15
5370	STREPTOCARPUS, Veitch's New Hybrids. Handsome greenhouse perennial, with achimene-like flowers in clusters on slender stems. Treatment same as for gloxinia. . . . .	.50

SUNFLOWER. See <i>Helianthus</i> .		
SWAINSONIA. Fragrant tender perennial for house or conservatory. Graceful foliage and sweet-pea-like flowers. Grown as a climber or trimmed into bush form.		
5375	Grandiflora Alba. Pure white . . . . .	.25
5376	Grandiflora Rosea. Rose pink . . . . .	.25
SWEET CLOVER. Grown for the fragrance of their flowers and foliage.		
5380	Melilotus Alba. Yellowish white flowers; very fragrant; hardy biennial. 3 ft. oz., .30	.05
5385	—Coerulea. Blue flowers; very sweet; hardy annual. 2 ft.	oz., .30 .05

SWEET PEAS

SWEET PEAS, GIANT ORCHID FLOWER- ING. Unquestionably the finest type of this most popular flower that has ever been introduced, and will supplant the older type as fast as the colors can be secured. Flowers are of immense size, usually 2 inches or more across and with three and four flowers to a stem. The season of bloom is much longer than the old type, but they are shy seeders, consequently the price will be higher. <i>Postpaid at prices quoted. See Novelties for newest varieties.</i>			
5390	Special Exhibition Mixture. This mixture is made up entirely of the Spencer and Unwin types and includes the finest sorts and most effective colors; it is without an equal and cannot fail to give the greatest satisfaction. oz., .25; 1 lb., .85; lb., \$3		.10
5395	America Spencer. Red flakes on white ground. 1 lb., \$1.50; oz., .40		.10
5400	A. J. Cook. Dark lavender 1 lb., \$1.75; oz., .50		.10
5405	Apple Blossom Spencer. Rose and pink 1 lb., \$1.00; oz., .35		.10



No.	Sweet Peas, continued	Pkt.
5410	Asta Ohn Spencer. Soft lavender, tinted with mauve	1 lb., \$1.50; oz., .40 .10
5414	Audrey Crier Spencer. Bright rosy pink, salmon flush	1 lb., \$1.50; oz., .40 .10
5415	Aurora Spencer. Cream white, flaked with rich orange-salmon	1 lb., \$1.50; oz., .40 .10
5420	Beatrice Spencer. White, tinted with buff and pink	1 lb., \$1.50; oz., .40 .10
5425	Blanche Ferry Spencer. Pink and white	1 lb., \$1.75; oz., .50 .10
5430	Black Knight Spencer. Deep maroon, oz., .40	.10
5435	Capt. of Blues Spencer. Bluish purple	1 lb., \$1.50; oz., .40 .10
5438	Clara Curtis Spencer. First and best primrose Spencer	oz., .60 .10
5439	Constance Oliver Spencer. Salmon pink on cream ground	oz., .50 .10

No.	Sweet Peas, continued	Pkt.
5440	Countess Spencer. Bright pink. oz., .40	\$0.10
5445	Dainty Spencer. White with rose pink picotee edge. ½ lb., \$1.50; oz., .40	.10
5450	Doris Burt. Bright cerise, ½ lb., \$1.50; oz., .40	.10
5453	Duplex Spencer. Rich cream pink, double standards. oz., \$1.50	.15
5455	Earl Spencer. Beautiful orange. oz., \$1.50	.25
5460	Ethel Roosevelt Spencer. Straw color flaked with blush crimson. oz., .50	.10
5463	Etta Dyke Spencer. Best strain of White Spencer. ½ lb., \$2.00; oz., .60	.10
5465	E. J. Castle. Rich carmine rose, shaded salmon. ½ lb., .50; oz., .20	.10
5471	Evelyn Hemus. Primrose, rose edge, oz., .75	.10
5475	Flora Norton Spencer. Bright blue with a tint of lavender. ½ lb., \$1.75; oz., .50	.10
5480	Florence Morse Spencer. Delicate blush with pink margin. ½ lb., \$1.50; oz., .40	.10
5485	Florence Nightingale. The best lavender Spencer. oz., \$1.00	.20
5490	Frank Dolby. Lovely shade of lavender waved. ½ lb., .75; oz., .25	.10
5495	George Stark Spencer. Rich crimson scarlet, sunproof. ½ lb., \$1.75; oz., .50	.10
5500	Gladys Unwin. Bright pink, ½ lb., .50; oz., .15	.10
5505	George Herbert Spencer. Bright rosy carmine. ½ lb., \$1.00; oz., .35	.10
5510	Helen Lewis Spencer. Rich orange-pink ½ lb., \$1.75; oz., .50	.10
5515	John Ingman Spencer. Rich, rose carmine ½ lb., \$1.25; oz., .35	.10
5520	King Edward Spencer. Deep rich carmine. scarlet. ½ lb., \$1.75; oz., .50	.10
5525	Lovely Spencer. Soft shell pink, shading to white at the edges. ½ lb., \$1.75; oz., .50	.10
5530	Marie Corelli. Brilliant rose carmine, oz., .75	.10
5535	Maud Holmes Spencer. Sunproof crimson Spencer. oz., .75	.10
5540	Martha Washington Spencer. Pearl white flushed with pink. ½ lb., \$1.75; oz., .50	.10
5545	Masterpiece Spencer. Rich lavender, oz., .50	.10
5550	Mrs. Alfred Watkins. Pale pink, flushed salmon. ½ lb., .75; oz., .25	.10
5555	Mrs. Hugh Dickson Spencer. Cream pink on buff ground. ½ lb., \$2.00; oz., .60	.10
5560	Mrs. Routzan Spencer. Primrose, suffused with pink. ½ lb., \$1.75; oz., .50	.10
5565	Mrs. Sankey Spencer. Black seeded white Spencer. ½ lb., \$1.25; oz., .40	.10
5570	Mrs. Townsend Spencer. White, flushed and edged blue. ½ lb., \$1.75; oz., .50	.10
5575	Mrs. Walter Wright Spencer. Rosy mauve ½ lb., \$1.50; oz., .40	.10
5580	Nora Unwin. Large white, ½ lb., .75; oz., .25	.10
5585	Othello Spencer. Rich, deep, glossy maroon ½ lb., \$1.50; oz., .40	.10
5590	Paradise Spencer. Deep pink. oz., .40	.10
5591	Paradise Ivory Spencer. Cream with blush tint. ½ lb., \$1.75; oz., .50	.10
5593	Pearl Gray Spencer. Pretty bluish gray or dove color. oz., \$2.00	.25
5595	Phyllis Unwin. Carmine. ½ lb., .75; oz., .25	.10
5600	Phenomenal. White, shaded lavender, waved. ½ lb., \$1.25; oz., .35	.10
5605	Picotee Spencer. White edged carmine ½ lb., \$1.75; oz., .50	.10
5610	Prince of Wales Spencer. Rose-crimson, tinted cherry. oz., .75	.10
5615	Primrose Spencer. Beautiful primrose yellow. ½ lb., \$2.00; oz., .60	.10
5616	Queen Alexandra Spencer. Large rich scarlet. ½ lb., \$2.00; oz., .60	.10
5617	Queen of Norway Spencer. Pale rosy mauve, very distinct. oz., \$1.50	.15
5619	Rainbow Spencer. Ivory white flaked with rose. oz., \$1.50	.15

No.		Pkt.
5620	Ramona Spencer. White striped with blush pink. ½ lb., \$1.50; oz., .40	\$0.10
5625	Ruby Spencer. Ruby red. ½ lb., \$1.75; oz., .50	.10
5630	Senator Spencer. Heliotrope striped with claret. ½ lb., \$1.75; oz., .50	.10
5635	St. George. Brilliant orange-salmon, oz., .40	.10
5640	Tennant Spencer. Attractive purplish mauve. ½ lb., \$1.75; oz., .50	.10
5645	W. T. Hutchins Spencer. Cream yellow, margined with pink. . . ½ lb., \$1.75; oz., .50	.10
5650	White Spencer (Etta Dyke). Pure White, ½ lb., \$2.00; oz., .60	.10
SWEET PEAS, Standard Grandiflora		
	Varieties. The following varieties .15 per oz.; .40 per ½ lb.; .65 per ¾ lb.; \$1.25 per lb., unless otherwise priced.	
5655	Grey's Columbia Mixture. Our special mixture; contains only the finest large-flowering varieties grown from carefully selected stock and mixed by ourselves; postpaid. oz., .15; ½ lb., .35; ¾ lb., .65; lb., \$1.25	.05
5660	Large Flowering Mixture. Postpaid oz., .10; ½ lb., .30; ¾ lb., .50; lb., \$1.00	
5665	America. White, striped with bright red. . . . .	.05
5670	Apple Blossom. Flaked rose pink. . . . .	.05
5675	Aurora. White, orange-salmon stripes. . . . .	.05
5680	Blanche Ferry. Pink and white improved. . . . .	.05
5685	Blanche Ferry, Extra Early. . . . .	.05
5690	Black Knight. Shining deep maroon. . . . .	.05
5700	Bolton's Pink. Large light pink. . . . .	.05
5705	Burpee's Earliest White. oz., .25	.05
5710	Captivation. Rosy-purple. . . . .	.05
5720	Countess of Radnor. Soft lavender. . . . .	.05
5725	Dainty. White, pink edge. . . . .	.05
5730	Dorothy Eckford. Grand pure white. . . . .	.05
5740	Duke of Westminster. Violet-purple. . . . .	.05
5745	Earliest of All. Earliest pink and white. . . . .	.05
5763	Flora Norton. Bright clear blue. . . . .	.05
5770	Helen Pierce. Mottled blue on white. . . . .	.05
5780	Henry Eckford. Clear orange self ½ lb., .60; oz., .20	.05
5785	Hon. Mrs. E. Kenyon. Large, primrose . . . . .	.05
5795	Janet Scott. Finest deep pink. . . . .	.05
5805	King Edward VII. Brilliant dark red. ½ lb., .50	.05
5810	Lady Grisel Hamilton. Lavender. . . ½ lb., .50	.05
5820	Lottie Eckford. White, lilac and blue. . . . .	.05
5823	Lord Nelson or Brilliant Blue. The best dark blue. ½ lb., .50	.05
5825	Lovely. Soft shaded shell-pink. . . . .	.05
5830	Maid of Honor. White, edged with lilac. . . . .	.05
5835	Miss Willmott. Rich deep orange-pink. . . . .	.05
5840	Mont Blanc. White, very early. . . . .	.05
5841	Mrs. Walter Wright. Beautiful mauve. . . . .	.05
5845	Mrs. George Higginson, Jr. Azure-blue. . . . .	.05
5860	Prince of Wales. Rose-crimson. . . . .	.05
5865	Prima Donna. Soft clear pink. . . . .	.05
5870	Queen Alexandra. Finest pure scarlet. . . . .	.05
5875	Rose du Barri. Combination of deep rich carmine, rose and orange. oz., .25	.05
5880	Romolo Piazzani. Large violet-blue. . . . .	.05
5885	Sadie Burpee. Best large pure white. . . . .	.05
5890	Salopian. Best scarlet or pure red. . . . .	.05
5900	White Wonder. Large, double, pure white. . . . .	.05
SWEET ROCKET. See Hesperis.		
SWEET SULTAN. See Centaurea.		
SWEET WILLIAM. Popular and showy hardy biennial of easiest culture, producing their brilliant colored flowers in great profusion; very desirable for borders and old-fashioned gardens. 1 ½ ft.		
5905	Boston Giant. An extraordinary strain with flowers as large as a half dollar, and contains colors not in other strains. . . . .	.25
5910	Double, Mixed. Very large flowers in choice colors. ¼ oz., .40	.10
5915	Holborn Glory. Extra large flowers, finest colors, with clearly defined eyes. . . ¼ oz., .25	.10



Verbena

- | No. | Sweet William, continued | Pkt. |
|--|--|-------------------------------|
| 5920 | Single, Finest Mixed. Choice. | $\frac{1}{4}$ oz., .15 \$0.05 |
| 5925 | —Dark Crimson. | $\frac{1}{4}$ oz., .15 .05 |
| 5930 | —Deep Velvety Maroon. | $\frac{1}{4}$ oz., .15 .05 |
| 5935 | —Pure White. | $\frac{1}{4}$ oz., .15 .05 |
| 5940 | —Pink Beauty. Soft pink. | $\frac{1}{4}$ oz., .50 .10 |
| 5945 | —Sutton's Scarlet. Vivid scarlet. | $\frac{1}{4}$ oz., .10 .10 |
| 5950 | Annual, Mixed. Flowers of good size and well marked; seed sown in March will bloom the same year. 9 inches. (New). . . | .10 .10 |
| TAGETES. See Marigold. | | |
| THUNBERGIA (Black Eyed Susan). Beautiful free-flowering annual twiners of rapid growth; used extensively in window boxes, vases, etc. 4 ft. | | |
| 5955 | Alata. Yellow with dark eye. | $\frac{1}{4}$ oz., .35 .10 |
| 5960 | Alata Alba. White with dark eye. | $\frac{1}{4}$ oz., .35 .10 |
| 5965 | Alata Aurantiaca. Orange with dark eye. | $\frac{1}{4}$ oz., .35 .10 |
| 5970 | Mixed. All colors. | $\frac{1}{4}$ oz., .30 .10 |
| TORENIA. Beautiful free-flowering tender annuals, suitable for pot culture in house or conservatory, also excellent for the border during the summer, and for baskets and vases are unsurpassed. June to October. 1 ft. | | |
| 5975 | Bailloni. Golden yellow, purple throat. . . | .25 |
| 5980 | Fournieri grandiflora. Bright blue, with dark blue spots and bright yellow throat. . . | .25 |
| 5985 | —White Wings. Blush-white, yellow throat. | .25 |
| 5990 | TRITOMA Semperflorens (Flame Flower). This new perpetual-flowering showy perennial produces numerous spikes of orange-scarlet flowers from July until cut down by frost; excellent for beds or borders. | .25 |
| TROLLIUS (Globe Flower). Charming spring-flowering hardy perennials, with large globular buttercup-like flowers varying in color from creamy white to orange. 2 ft. | | |
| 5995 | Orange Globe. Large deep orange. | .25 |
| 6000 | Mixed Hybrids. Newest large-flowered varieties. | .25 |
| 6005 | TROPAEOLUM Canariense (Canary Creeper). Well-known climbing annual with elegantly fringed bright yellow flowers. 10 ft. | .05 |

- | No. | | Pkt. |
|---|--|-------------------------------|
| 6010 | VALERIAN, Mixed. Showy hardy perennial, with long spikes of heliotrope-scented flowers. Fine old-fashioned border plant and useful for cutting. 2 ft. | $\frac{1}{4}$ oz., .15 \$0.05 |
| 6011 | Offinalis. Pink, fragrant. 3 ft. | $\frac{1}{4}$ oz., .75 .15 |
| VERBENA. These are invaluable for summer bedding purposes, flowering freely the first season from seed; seedlings are better than cuttings, with less liability to disease and mildew. Seed sown in March will commence to bloom in June and continue until frost. $1\frac{1}{2}$ ft | | |
| 6015 | Grey's Mammoth, Mixed. A grand strain of giant verbenas, with flowers and trusses of exceptional size, in the richest and most brilliant colors. | $\frac{1}{4}$ oz., .60 .10 |
| 6020 | Mammoth Auricula Flowered, Mixed. Large flowers with white eye. | $\frac{1}{4}$ oz., .60 .10 |
| 6025 | —Blue. | $\frac{1}{4}$ oz., .60 .10 |
| 6030 | —Pink. | $\frac{1}{4}$ oz., .60 .10 |
| 6035 | —Scarlet. | $\frac{1}{4}$ oz., .60 .10 |
| 6040 | —Striped. | $\frac{1}{4}$ oz., .60 .10 |
| 6045 | —White. | $\frac{1}{4}$ oz., .60 .10 |
| 6050 | Lemon Verbena (ALOYSIA CITRIODORA). Fragrant foliage, useful for cutting. | .10 |
| 6055 | Montana. Hardy perennial, with bright rose-colored flowers. | $\frac{1}{4}$ oz., .25 .10 |
| VERONICA. Splendid hardy perennials, with showy spikes of bright-colored flowers; fine border plant | | |
| 6060 | Spicata Blue. Bright blue. | $\frac{1}{4}$ oz., .25 .10 |
| 6065 | —Rosea. Bright rose-colored. | $\frac{1}{4}$ oz., .50 .10 |
| VINCA. Handsome, profuse-blooming half-hardy perennials, flowering the first season from seed. They have dark green foliage and pretty pink and white flowers; excellent for borders and bedding out. 1 ft. | | |
| 6070 | Bright Rose. | $\frac{1}{4}$ oz., .35 .10 |
| 6075 | Pure White. | $\frac{1}{4}$ oz., .35 .10 |
| 6080 | White with Rose Eye. | $\frac{1}{4}$ oz., .35 .10 |
| 6085 | Mixed. All colors. | $\frac{1}{4}$ oz., .35 .10 |
| VIOLA cornuta (Tufted Pansies). Fine flowering plants, excellent for partially shaded beds or borders, blooming throughout the season; more hardy than other pansies, but with smaller flowers. | | |
| 6090 | Admiration. Beautiful dark blue. | $\frac{1}{4}$ oz., .75 .10 |
| 6095 | Blue Perfection. Large light blue. | $\frac{1}{4}$ oz., .75 .10 |
| 6100 | Lutea. The pretty old-yellow sort. | $\frac{1}{4}$ oz., .50 .10 |
| 6105 | Rosea. Delicate rose. | $\frac{1}{4}$ oz., \$1.50 .15 |
| 6110 | White Perfection. Large white. | $\frac{1}{4}$ oz., .75 .10 |
| 6115 | Mixed. Finest varieties. | $\frac{1}{4}$ oz., .50 .10 |
| 6120 | Scotch Strains. Choicest and newest bedding hybrids in finest colors. | .25 |



Viola Cornuta



Wallflower (Vulcan)

- | No | | Pkt. |
|------|---|---------------------|
| | VIOLA odorata (Sweet-scented Violet). A favorite hardy perennial much in demand on account of its abundant and fragrant blossoms. Easily grown from seed, doing best in a cool, moist situation. | |
| 6125 | Princess of Wales. Giant deep violet.... | \$0.15 |
| 6130 | The Czar. Very large dark blue..... | .15 |
| 6135 | White Czar. Very large white..... | .15 |
| 6140 | Mixed. Blue and white shades..... | 1/4 oz., .75 .10 |
| 6145 | VIRGINIAN STOCK, Mixed. Early free-flowering hardy annual, with bright-colored flowers; doing well in any soil | oz., .25 .05 |
| 6147 | VISCARIA, Finest Mixed. Remarkably showy free-flowering hardy annual, for border or masses. The bright flowers are continued through the season. 1 ft .. | oz., .25 .05 |
| | WALLFLOWER. Deliciously fragrant half-hardy perennials, with beautiful velvety flowers mostly in the rich dark colors. 2 ft. | |
| 6150 | Double Branching, Mixed. | 1/4 oz., \$1.50 .15 |
| 6155 | Kewensis. Very fragrant flowers varying from sulphur-yellow to orange and purple violet. Sown in July it blooms constantly from November until spring. New..... | .15 |
| 6160 | Vulcan. Extra large velvety crimson-brown flowers..... | 1/4 oz., .50 .10 |
| | WALLFLOWER Annual. A new strain of early-flowering single varieties which bloom through the summer from spring-sown seed, and are excellent for bedding purposes. 2 ft. | |
| 6165 | Blood Red. | 1/4 oz., .50 .10 |
| 6170 | Earliest Paris. Fine brown..... | 1/4 oz., .20 .10 |
| 6175 | Golden Yellow. | 1/4 oz., .50 .10 |
| 6180 | Mixed. All colors..... | 1/4 oz., .35 .10 |
| 6185 | WHITLAVIA Grandiflora. Blue flowered, pretty hardy annual, producing throughout the season its bright bell-shaped flowers; adapted to poor soils. 1 ft.... | oz., .30 .05 |
| 6190 | Grandiflora Alba. White-flowered, oz., .30 | .05 |
| | WILD CUCUMBER. See Echinocystis. | |
| 6195 | XERANTHEMUM Double, Mixed. Showy hardy annual of easy culture, giving a profusion of flowers; well suited to drying as everlasting. 1 1/2 to 2 ft..... | 1/4 oz., .20 .05 |

- | No. | | Pkt. |
|------|---|---------------------|
| 6200 | YUCCA filamentosa (Adam's Needle). Fine hardy perennials. The flower-spikes are many branched, and the large white waxy flowers of drooping habit are borne in huge panicles above the sword-shaped foliage; during July and August. 4 ft..... | 1/4 oz., .50 \$0.10 |
| | ZEAL (Maize). Hardy annuals invaluable for sub-tropical bedding. | |
| 6205 | Japonica Variegata. Beautifully striped green and white foliage. 6 ft..... | oz., .10 .05 |
| 6210 | Gracillima Variegata (Miniature Maize). Slender, striped foliage. 3 ft..... | oz., .10 .05 |
| | ZINNIA. These attractive and decorative hardy annuals are most desirable for borders or bedding purposes, and are remarkable for the profusion and duration of their flowers which are notable for their large size, fine form, brilliancy and diversity of color; in bloom from June to frost. 1 to 2 ft. | |
| | Double Large Flowering Columbia Strain. Saved from selected flowers. 2 ft. | |
| 6215 | Bright Rose | 1/4 oz., .20 .05 |
| 6220 | Carmine. | 1/4 oz., .20 .05 |
| 6225 | Dark Scarlet. | 1/4 oz., .20 .05 |
| 6230 | Deep Maroon. | 1/4 oz., .20 .05 |
| 6235 | Flesh-Pink. | 1/4 oz., .20 .05 |
| 6240 | Golden Yellow. | 1/4 oz., .20 .05 |
| 6245 | Lemon Yellow. | 1/4 oz., .20 .05 |
| 6250 | Lilac. | 1/4 oz., .20 .05 |
| 6255 | Scarlet. | 1/4 oz., .20 .05 |
| 6260 | Striped. | 1/4 oz., .20 .05 |
| 6265 | White. | 1/4 oz., .20 .05 |
| 6270 | Columbia Prize Mixture. | 1/4 oz., .20 .05 |
| 6275 | Collection of 6 Colors Our selection.... | .25 |
| 6280 | Dwarf Crimson. 1 ft..... | 1/4 oz., .25 .05 |
| 6285 | Bright Rose. | 1/4 oz., .25 .05 |
| 6290 | Carmine. | 1/4 oz., .25 .05 |
| 6295 | Dazzling Scarlet. | 1/4 oz., .25 .05 |
| 6300 | Flesh-Pink. | 1/4 oz., .25 .05 |
| 6305 | Golden Yellow. | 1/4 oz., .25 .05 |
| 6310 | White. | 1/4 oz., .25 .05 |
| 6315 | Mixed. All colors..... | 1/4 oz., .25 .05 |
| 6320 | Collection of 6 Colors. Our selection... | .25 |
| 6325 | Curled and Crested, Mixed. Select strain of double flowers, with curled and twisted petals. 2 ft..... | 1/4 oz., .30 .10 |
| 6330 | Giant, Mixed. Enormous double flowers in choice colors. 2 ft..... | 1/4 oz., .30 .10 |
| 6335 | Liliput, Mixed. Very small and very double flowers in brightest colors; excellent for beds, borders or edgings. 1 ft. | 1/4 oz., .40 .10 |
| 6340 | Crimson Gem. Deep crimson. 1/4 oz., .40 | .10 |
| 6345 | Golden Gem. Golden-yellow. 1/4 oz., .40 | .10 |
| 6350 | Scarlet Gem. Dazzling scarlet. 1/4 oz., .40 | .10 |
| 6355 | White Gem. Pure white. | 1/4 oz., .40 .10 |

South Sudbury, Mass.

Thomas J. Grey Co., Boston, Mass.

Gentlemen:—The Grey's Orange Prince and Grey's Lemon Queen, African Marigolds, seed of which was obtained from your house, are by far the finest type I have grown, covering a period of many years in growing flowers. The large perfectly developed flowers will prove a delight to admirers of their old favorite. Both amateurs and professional florists who wish something choice for exhibition purposes should include this superb annual in their collection the coming season.

H. N. Smith,

Grower of Choice Garden and Flower Seed Specialties.

MIXED FLOWER SEEDS FOR WILD GARDENS

"Wild Gardens" have proved a marked success; and we are in receipt of the most satisfactory evidence of the estimation in which they are held. Any one who has cultivated flowers knows the constant attention necessary in the care of well-laid-out beds and borders. To those who cannot give this care, the "Wild Garden" presents a substitute which, for its unusual and varied effects, cheapness, and the small amount of labor necessary for its construction, has no rival. "Wild Garden" seeds are a mixture of over one hundred varieties of flower seeds, and, being mixed together, can be offered at a much less price than when sold in separate packets. The different seasons of bloom insuring something new almost every day.

6420 Dwarf Sorts. $\frac{1}{2}$ oz. pkts., with full directions. 15 cts. each; oz. 25 cts., 4 ozs. 75 cts., lb. \$2.50.
6425 Tall Sorts. $\frac{1}{2}$ oz. pkts., with full directions. 15 cts. each; oz. 25 cts., 4 ozs. 75 cts., lb. \$2.50.

GREY'S COLLECTION OF FLOWER SEED FOR SUMMER HOMES

In response to the numerous inquiries, "What can I plant at my summer home that will give me a good display through the season and flowers to cut for the house," we have made up the following collection which has given great satisfaction to our customers. The quantity is sufficient for a large garden and price \$1, postpaid.

2 oz. sweet peas, Columbia mixture; 1 oz. tall nasturtiums, special mixture; $\frac{1}{2}$ oz. wild garden mixture, and a packet of each of the following: Sweet alyssum, asters, bachelor's buttons, chrysanthemum, clarkia, coreopsis, Chinese pinks, eschscholtzia, gaillardia, godetia, miniature sunflower, Bar Harbor marshmallows, lupins, marigold, mignonette, nicotiana, Shirley poppy, scabiosa, zinnia.

ORNAMENTAL GRASSES

For borders and ornamental gardening; also, when dried, for winter bouquets and decorations, for which purpose they should be gathered before fully matured.

No.	Pkt	No	Pkt
6360	Finest Mixed. In great variety, for bouquets	6385	Coix lachryma (Job's Tears). Striped leaves; annual. 2 ft.
6365	Avena sterilis (Animated Oats). Annual. 1 $\frac{1}{2}$ ft.	6395	Gynierium argenteum (Pampas Grass). Large, silvery plume; half-hardy perennial. 10 ft.
6370	Arundo Donax variegata. Variegated foliage; half-hardy perennial. 7 ft.	6400	Hordeum jubatum (Squirrel's Tail). Annual. 2 ft.
6375	Briza maxima (Quaking Grass). Annual. 1 ft.	6405	Lagurus ovatus (Hare's Tail). Annual. 1 ft.
6380	Bromus Brizaeformis. Drooping; annual. 1 $\frac{1}{2}$ ft.	6410	Pennisetum rupellianum. Beautiful crimson-purple plumes, from spring-sown seed. 3 ft.
6390	Eulalia Japonica Zebrina. Beautiful variegated leaves, with yellow bars running crossways; half-hardy perennial. 5 ft.	6415	Stipa pennata (Feather Grass). Hardy. 2 ft.

BAY TREES AND BOXWOOD TREES

STANDARD BAY TREES

Crowns	Each
20 to 22 in. diam.	\$6.50
24 to 26 in. diam.	7.50
26 to 28 in. diam.	10.00
30 to 32 in. diam.	12.50
36 to 38 in. diam.	15.00

PYRAMIDAL BAY TREES

Height	Diameter of Base	Each
4 feet	18 in.	\$6.50
5 feet	24 in.	10.00
6 feet	24 in.	13.50
7 feet	30 in.	18.00
7 to 8 feet	36 in.	22.50
8 to 9 feet	36 in.	30.00

BOXWOOD TREES (*Buxus Arborea*)

These are trained in the form of pyramidal bay trees and are used for similar purposes. They have been found to survive the winter out of doors on the Massachusetts coast, with slight protection.

Pyramidal. 3 to 3 $\frac{1}{2}$ ft., each, \$3.50; 3 $\frac{1}{2}$ to 4 ft., each, \$4; 4 to 5 ft., \$5 to \$6.
Standards. 15-inch diam., each, \$2.50; 18-inch diam., each, \$3.50.

If box trees are wanted in heavy green painted tubs, add \$1.50 per each plant.

NOTICE. The measurements of the foregoing trees are approximately correct; slight variations are unavoidable.



PALMS, FERNS AND DECORATIVE PLANTS

Unless otherwise directed we ship all this class of plants by express as we consider it much more safe, and the principal express companies charge 20 per cent less than their regular merchandise rates on plants packed in covered boxes or crates.



AURACARIA Excelsa (Norfolk Island Pine). A rich fine foliage conifer with successive tiers of branches; excellent for house or conservatory. 5-in. pot, 3 tiers, 75 cts. each; 6-in. pot, 4 to 5 tiers, \$1.25 to \$1.50 each; 7-in. pot, 5 to 6 tiers, \$2 to \$2.50 each.

ARALIA. Handsome foliage plants for conservatory decoration.

Elegantissima. \$1.25 and \$1.50 each.

Veitchi. Dark green narrow leaflets, red underneath. \$1.25 and \$2 each.

Veitchi Gracillima. Very graceful foliage. \$1.25 and \$2.00 each.

ASPARAGUS Plumosus Nanus (Asparagus Fern). Bright green, delicate foliage. 15 and 25 cts. each; \$1.50 and \$2.50 per doz.

Sprengeri. Excellent for the window box, hanging baskets and for cutting. 15 and 25 cts. each; \$1.50 and \$2.50 per doz.

ASPEDISTRA. A decorative plant well suited for shady nooks and places away from the light, will succeed where other plants fail.

Lurida. Long green leaves. 6-in. pots, \$1.25 to \$1.75 each; 7-in. pots, \$1.50 to \$2 each.

Lurida Variegata. Green and white striped foliage. 6-in. pots, \$1.50 to \$2 each; 7-in. pots, \$2 to \$3 each.

AUCUBA Japonica. Rich glossy foliage thickly spotted with yellow; excellent for house and veranda decoration. Bushy plants pot-grown. 75 cts. to \$1.50 each; large plants \$2 to \$3 each.

BEGONIA Rex. Beautiful ornamental foliage. 15 to 50 cts. each.

CROTONS. Beautiful and rich colored foliage, for conservatory decoration, exhibition and bedding. Leading varieties, 30 cts. to \$1.50 each.

CYPERUS Alternifolius (Umbrella Plant). Fine for house culture when liberally supplied with water. 15 and 25 cts. each.

DRACAENAS. Excellent decorative plants for house and conservatory.

Fragrans. Broad dark green foliage. 75 cts. and \$1.50 each.

Godseffiana. Rich dark green, with creamy-white spots. 25 cts and \$1.25 each.

Indivisa. Long, narrow foliage used in vases, etc. 50 cts. to \$1.50 each.

Lindenii. Broad green foliage with golden-yellow stripes on the edges. 75 cts. to \$3 each.

Massangeana. Like preceding with stripe through the center of leaf. 75 cts. to \$3 each.

Terminalis. Rich red foliage, marked with pink and white. 50 cts. and \$1.50 each.

FERNS. We have an immense quantity of nice bushy plants in fine varieties for filling dishes. \$1.25 doz.; \$8 hundred.

Adiantums. In leading sorts. 2½-in. pots, \$1.50 doz.; 3-in. pots, \$2 doz.; 4-in. pots, 50 cts. each.

Pteris. In best varieties. 2½-in. pots, \$1.50 doz.; \$8 hundred; 3-in. pots, \$2 per doz.; \$10 hundred; 4-in. pots, 50 cts. each.

Nephrolepes (Sword Fern). In following varieties: **Bostoniensis**, **Piersoni**, **Scotti**, **Whitmani**. 50 cts. to \$2 each.

FICUS (Rubber Plant). Extensively used in house decoration.

Elastica. The common rubber plant. 50 cts. to \$2.50 each.

Pandurata. New, with beautiful foliage. \$1.50 to \$3 each.

Parcelli. Large deep green leaves, marbled with white. 50 cts. each.

MARANTA. Fine decorative plants, with beautiful variegated foliage.

Various Sorts. 25 and 50 cts. each.

PALMS.

KENTIAS, **Belmoriana** and **Forsteriana**. These are considered the hardiest palms and best adapted to house culture. The foliage is rich dark green and of spreading habit. 4-in. pots, 60 cts. each; 5-in. pots, \$1 each; 6-in. pots, \$2 each; 7-in. pots, \$3 each; 8-in. pots, \$7 to \$10 each.

COCOS Weddelliana. The most elegant and graceful of all the palms; the smaller sizes being excellent for fern dishes. 2½-in. pot, 25 cts. each; 3-in. pot, 40 cts. each; 6-in. pot, \$2 and \$2.50 each.

LATANIA Borbonica. Popular fan-leaved variety. 4 in. pot, 50 cts. each; 6-in. pots, \$1 each; 7-in. pots, \$1.75 each; 8-in. pots, \$3 each; 9-in. pots, \$4 each.

PHOENIX Canariensis (Date Palm). Dark green feathery foliage. \$3 and \$5 each.

Roebelenii. Most graceful variety. 5-in. pots, \$2 each; 6-in. pots, \$3 each.

Rupicola. Long graceful arched foliage. \$4 to \$10 each.

SUMMER-FLOWERING BULBS AND TUBEROUS ROOTS

ACHIMENES

One of the finest summer-blooming plants for house or conservatory, giving handsome flowers of many shades and colors.

Named Varieties. \$1.00 per doz.; \$6 per 100.

Mixed Varieties. 75 cts. per doz.; \$4.50 per 100.

ACIDANTHERA BICOLOR

Valuable Cape bulbs growing about two feet high, with graceful flower-stalks, each stalk having from four to eight beautiful creamy white, fragrant flowers with a purple-maroon blotch at the base of the petals. Best results will be had by planting in the open ground about June 1, where they bloom freely during August and September. Treat like gladioli 15 cts. each, \$1.50 per doz.

AMARYLLIS

These are the best suited for pot culture, and when established they should bloom every year; after blooming they make their growth and should have occasional waterings with liquid manure till about September, when they should be allowed to rest and given very little water. A soil composed of loam, leaf-mold and sand should be used and good drainage given.

Belladonna Major. Silvery white, flushed with rose; beautiful and fragrant. 15 cts. each, \$1.50 per doz.

Hippeastrum Hybrids (VITTATA). Large-flowered varieties with striped petals. 75 cts. each, \$7.50 per doz.

Halli (LYCORIS SQUAMIGERA). Hardy variety with fragrant rosy lilac flowers in August, foliage produced in spring disappears in June. 25 cts. each, \$2.50 per doz.

Formosissima (Jacobaean Lily). Brilliant dark crimson. 15 cts. each, \$1.50 per doz.

Johnsoni. Fine red, with white stripe through each petal. 40 cts. each, \$4 per doz.

Valloia purpurea (Scarborough Lily). Rich, bright scarlet flowers in a cluster, blooming in summer and autumn; this is the variety so much seen growing in tubs on lawns. 30 cts. each, \$3 per doz.

Zephyranthes rosea (Fairy Lily). Beautiful rose-pink. 8 cts. each, 65 cts. per doz., \$5 per 100.

Zephyranthes alba (White Fairy Lily). Pure white. 8 cts. each, 65 cts. per doz., \$5 per 100.

ANEMONE, FRENCH

These are also known as the Roman Anemone, and if planted outside in early spring will make a fine display in early summer of large poppy-like flowers in bright and beautiful colors. Plant 2 to 3 inches deep and 6 to 8 inches apart.

Single, Mixed Colors. 20 cts. per doz., \$1 per 100.

Double, Mixed Colors. 25 cts. per doz., \$1.50 per 100.

BEGONIA (Tuberous-Rooted)

Our assortment is from one of the most noted continental growers. The distinctive features of this strain are the dwarf, sturdy habit and erect flower stem, circular-shaped flowers of large size and rich colors, which for either private or exhibition purposes are superior to any strain offered.

Single. Deep red, orange, rose, scarlet, white, yellow. 5 cts. each, 60 cts. per doz., \$4 per 100, \$35 per 1000.

Double. Red, rose, yellow, white. 10 cts. each, \$1 per doz., \$7 per 100, \$55 per 1000.

Fringed, or Frilled. New and improved strain; the giant blooms have beautifully fringed, wavy petals. and are borne erect on stout stems, choice colors in mixture. 80 cts. per doz., \$6 per 100.

BESSERA ELEGANS

(Mexican Coral Drops)

Wonderfully free-blooming bulb, with long, narrow, grass-like leaves and slender flower-stalks, 1 foot high, carrying a loose umbel of flowers, each a scarlet bell marked with white lines. 5 cts each, 50 cts. per doz.

CALLA LILY (Richardia)

An old favorite and too well known to need any description. The only requisites for successful culture are rich soil and plenty of water when growing. By allowing them to rest through the summer an abundance of bloom may be had the following winter.

Elliottiana. Clear, deep canary-yellow; the best yellow variety 50 cts. each, \$5 per doz.

Spotted Leaf. Excellent for bedding. 10 cts. each, 75 cts. per doz., \$5 per 100.

CANNA (Dormant Roots)

A class of plants for grand effects. Their rich and varicolored leaves, combined with large and beautiful flowers of brilliant colors, make them very desirable for planting in groups on the lawn, or singly in beds. Keep the roots in a warm, dry place through the winter.

Robusta. Very dark foliage; robust grower, 6 to 8 feet. 10 cts each, \$1 per doz.

Large-flowering French, Mixed. Finest varieties. 10 cts. each, \$1 per doz.

GROWING CANNA ROOTS

Selected Large-flowering Varieties

15 cts. each, \$1.50 per doz. By mail, 5 cts. each extra

Alsace. Sulphur changing to creamy white. 4½ feet

Alphonse Bouvier. Tall brilliant crimson. 6 feet.

Chas. Henderson. Fine crimson. 3½ feet.

Cinnabar. Cinnabar-red, golden edge. 4½ feet.

Egandale. Soft currant-red, bronze foliage. 4 feet.

Florence Vaughan. Golden yellow, red spots. 4 feet.

Madam Crozy. Brilliant scarlet, golden border. 4 feet.

Mlle. Berat. Nearest approach to pink. 4 feet.

Pres. Cleveland. Large intense orange-scarlet. 4 feet.

Queen Charlotte. Bright scarlet, yellow edge. 4 feet.

Red Indian. Beautiful apricot, dark foliage. 4 feet.

Souv. d'Antoine Crozy. Scarlet, golden border. 3½ ft.

Tarrytown. The most brilliant dwarf crimson canna ever offered. 3 feet.

GIANT ITALIAN or ORCHID-FLOWERING

6 to 8 ft. high, with immense flowers, 15 cts. each.

\$1.50 per doz. By mail, 5 cts. each extra

Allemania (ITALIA). Orange-scarlet, edged with yellow.

Austria (Burbank). Pure canary-yellow, with red dots.

King Humbert. Grand Canna with broad bronze foliage and immense flowers of a brilliant orange-scarlet with bright red markings produced in gigantic clusters.

Mrs. Kate Gray. Rich orange-scarlet.

Pennsylvania. Intense vermilion-scarlet.

CALADIUM ESCULENTUM

One of the most beautiful of the ornamental-foliaged plants, either for culture in pots, or planting out on the lawn. They will grow in any good garden soil, and are of the easiest culture. The foliage is light green, veined with dark green, and the immense leaves are 3 to 4 feet long by 2½ feet wide.

Extra Large Bulbs. Four inches and over in diameter. 25 cts. each, \$2.50 per doz., postage 10 cts. each extra.

First Size Bulbs. Three to 4 inches in diameter. 15 cts. each, \$1.50 per doz.; postage 5 cts. each extra

Second Size Bulbs. Two to 3 inches in diameter. 10 cts. each, \$1 per doz.; postage 4 cts. each extra.

Pot-grown plants, ready in May, 20 cts. each, \$2.00 per doz.

CINNAMON VINE

(Dioscorea Batatas, or Chinese Yam)

A summer climber, with handsome glossy foliage; flowers possessed of a delicate cinnamon perfume; the root is hardy in deep, light soils. Large and selected roots. 10 cts. each, 75 cts. per doz., \$5 per 100.



America Gladiolus

DAHLIAS

These summer and autumn-flowering plants are more popular than ever. They should not be planted until the weather has become warm and settled in spring, and should be taken up before severe frosts in autumn. They require a sunny situation and rich soil, to bring out their full beauty. One shoot only should be allowed to each root. Roots should be kept in a warm, dry place during winter.

Dahlia Catalogue on application

GLOXINIA (Large Flowered)

Magnificent for house or conservatory, producing in great profusion beautiful flowers of the richest and most beautiful colors. They succeed best in sandy loam and peat, and require a moist heat.

	Each	Doz.	100
Blue Shades.....	\$0.15	\$1.25	\$9.00
Red Shades.....	.15	1.25	9.00
White.....	.15	1.25	9.00
Spotted.....	.15	1.25	9.00

GLADIOLUS

Of summer-blooming plants for general garden decoration, the gladioli are deserving of special attention. Requiring but little room for growth, they are exceedingly useful for planting among shrubbery in the border, while for massing in large beds, where a brilliant and effective display is desired, they are invaluable. They succeed best in good loam, enriched with well-rotted manure. Bulbs should be planted about 3 inches deep and 6 inches apart.

Our mixtures are made up from fine varieties, and are all selected, first-sized bulbs and sure to give the best results. If wanted by mail, add 10 cts. per doz. for postage.

	Doz.	100	1000
Extra Choice Mixed. American hybrids.....	\$0.25	\$1.50	\$12.00

GLADIOLI, continued

	Doz.	100	1000
Giant Varieties, Choice Mixture (CHILDSI). A magnificent race, with enormous flowers of beautiful colors. \$0.50	\$3.00	\$25.00	
Groff's Mixed Hybrids. The most popular strain in America. Flowers of largest size, finest form and highest quality, with colors in the most delicate tints and unexcelled brilliancy....	.40	2.50	20.00
Groff's Gold Medal Mixture. This collection is made up from choice, new varieties. The flowers are of the largest size, and of the purest and most delicate tints, as well as the most brilliant and striking contrast of light and vivid colors.....	2.00	15.00	
Groff's Newest Reds.....	.60	4.00	
Groff's New White and Light.....	.65	5.00	
Groff's Rare Blues.....	.75	6.00	
Lemoine's Hybrids, Extra Mixture. A remarkably beautiful class, with rich, orchid-like colorings.....	.40	2.50	20.00
Mixed Scarlet and Crimson Shades...	.30	2.00	18.00
Mixed Pink Shades.....	.40	2.50	20.00
Mixed Variegated Shades.....	.50	3.00	28.00
Mixed White and Light Shades.....	.40	2.50	20.00
Mixed Yellow and Orange Shades....	.75	5.00	48.00
America. Soft lavender-pink, one of the finest ever sent out.....	.85	6.00	
Augusta. A lovely white variety with blue anthers.....	.50	4.00	38.00
Baron Hulot (Blue Jay). Deep royal-blue.....	1.50	12.00	
Brenchleyensis. Vermilion-scarlet, best for massing.....	.30	2.00	18.00
Canary Bird. Fine yellow, strong spike.....	1.50	10.00	
Dawn. A most beautiful shell-pink...	2.00	15.00	
Harvard. Long graceful spike of large open flowers and a real Harvard crimson in color.....	1.50	10.00	
Independence. Brilliant rose pink...	.60	3.50	30.00
Madam Monneret. Delicate rose...	.60	4.00	35.00
May. Lovely pure white, flaked with bright rosy crimson.....	.50	3.25	30.00
Mrs. Francis King. Immense flowers of a flame pink or light scarlet.....	.60	4.00	35.00
Niagara. Delightful cream color, tinted canary, throat penciled carmine.....	3.50	30.00	
Octoroon. Beautiful salmon-pink...	1.00	6.00	50.00
Pink Beauty. Vivid rose, one of the earliest.....	.75	4.00	35.00
Princeps. Immense flowers of a rich dazzling crimson and white blotches across the lower petals.....	1.50	12.00	
Rosella. Large light rose-stained purple and white.....	1.50	10.00	
Shakespeare. White slightly suffused with carmine-rose, large rosy blotch..	1.00	8.00	70.00
Snowbank (Princess Sandersoni). Finest white with slight stain of red at base of petals.....	1.50	10.00	80.00
Sunrise. Clear canary yellow, extra...	2.00	15.00	
White Cloud. Large free-blooming pure white, in extremely hot seasons lower petals turn a creamy white...	1.75	12.00	

HYACINTHUS CANDICANS

A magnificent species, with flower stems 3 feet high, bearing large, pure white flowers in July and August. It is perfectly hardy. Extra large bulbs, 5 cts. each, 50 cts. per doz., \$3 per 100, \$18 per 1000.

LILIES

In the flower garden lilies rank first in importance. They are stately and beautiful, matchless in form and variety of color, while possessing the most agreeable perfume, and for general effect they have no rivals. Bulbs should be planted 6 inches deep in a well-drained, deep, loamy soil made rich with thoroughly rotted manure, and an inch of clean sand placed under and over the bulbs when setting.



Lilium Auratum

	Each	Doz.	100
Auratum (Golden-rayed Lily of Japan). Large, pure white flowers with crimson spots and a golden band through the center of each petal. Two to 4 feet high, blooming from July to October. Large bulbs	\$0.25	\$2.50	\$20.00
Batemanniae . Clear, bright apricot color; one of the best. 3 to 4 feet. July and August.....	.25	2.50	15.00
Brownii . Trumpet-shaped; ivory-white inside and purplish brown outside. 2 to 3 feet. June and July....	.60	6.00	40.00
Excelsum . Fine light yellow; beautiful and fragrant. 4 to 5 feet. June and July.....	.65	7.00	50.00
Krameri . Light pink; very fragrant and beautiful. 3 feet. July.....	.25	2.50	15.00
Longiflorum (Japan-grown). Pure white; trumpet-shaped. 2 feet. June.....	.20	1.75	12.00
Speciosum album . Large, fragrant, pure white.....	.25	2.50	20.00
Speciosum magnificum . Rich red, heavily spotted, much larger and richer colored than the other varieties.....	.25	2.50	20.00
Speciosum Melpomene . White, shaded with rich blood-crimson, heavily spotted.....	.20	2.00	15.00
Speciosum rubrum , or roseum. White, shaded and spotted rosy crimson; fragrant.....	.20	2.00	15.00
Tigrinum Splendens (Tiger Lily). Orange-salmon, spotted, the finest form. Mammoth Bulbs..	.10	1.00	8.00
Tigrinum fl. pl. (Double Tiger Lily).....	.10	1.00	7.00

Speciosum rubrum, or roseum. White, shaded and spotted rosy crimson; fragrant..... .20 2.00 15.00
Tigrinum Splendens (Tiger Lily). Orange-salmon, spotted, the finest form. Mammoth Bulbs.. .10 1.00 8.00
Tigrinum fl. pl. (Double Tiger Lily)..... .10 1.00 7.00

MADEIRA VINE

A rapid-climbing plant, with beautiful wax-like, light green leaves and feathery white flowers, with a delicious fragrance resembling mignonette. The culture is simple; the roots need but to be planted, and a trellis or strings given the vine to climb on. 5 cts. each, 40 cts. per doz., \$2.50 per 100.

MILLA BIFLORA

One of the loveliest and most desirable bulbs known. The flowers are borne on stems, two to three in number, of pure waxy white, and 2 inches in diameter. It will throw up as many as six flower-stalks from one bulb, and continue in bloom a long time. 5 cts. each, 50 cts per doz., \$4 per 100.

TUBEROSE

A bulbous plant of the easiest culture and most delightful fragrance, suitable for the summer garden or house culture throughout the year. They should be started early in pots, using good, rich, loamy soil, and when the weather is suitable, transplanted into the garden. The variety offered is the one most extensively grown, being much superior to all other sorts.

Excelsior Pearl. A superior strain, with very large double white flowers, produced in great abundance. Extra strong roots. 30 cts. per doz., \$2.25 per 100.

MONTBRETIA

One of the best and brightest summer-flowering bulbs, sure of becoming firm favorites wherever grown. Planted in clumps from April to June they produce numerous graceful spikes of brilliant star-shaped flowers. Hardy with protection.

	Per doz	100
Bouquet Parfait . Bright vermilion	\$0.25	\$1.75
Crocasmiaeflora . Brilliant orange-scarlet..	.20	1.00
Etoile de Feu . Vermilion, yellow center....	.30	1.75
Golden Sheaf . Pure golden yellow .....	.20	1.25
Germania . New; large flowers, over 3 inches across, of a rich glowing orange-scarlet, with blood-red throat.....	.75	5.00
Rayon d'Or . Yellow, brown spotted.....	.20	1.25
Rosea . Salmon-rose.....	.25	1.25
Mixed Hybrids . Splendid colors .....	.20	1.25

TIGRIDIA (Tiger or Shell Flower)

Extremely handsome, summer-flowering bulbs, growing about 2 feet high and producing freely throughout the summer large, gorgeous flowers exquisitely spotted. They require the same treatment as gladioli before and after blooming.

Mixture of best varieties. 50 cts. per doz., \$3.50 per 100.

AQUATICS

The cultivation of aquatics is of the simplest; their requirements are sunshine, water and plenty of rich soil. They are divided into two classes, hardy and tender; the former may be planted in ponds, lakes or sluggish streams, early in the spring, and, under the same conditions as our native water lily, they will grow luxuriantly and flower profusely the entire season; provide the same conditions in artificial ponds or tanks, and the results will be equally satisfactory. Plant

AQUATICS, continued

the tender varieties at the approach of warm weather and when the water is warm. The plants can be grown in pots where protection can be afforded them until safe to transfer to summer quarters. The after-treatment is the same as for the hardy varieties. When grown in tubs, only the moderate growers should be selected. In storing in tubs through the winter, they should be kept where it is not warm enough to excite growth or so cold as to freeze.

HARDY VARIETIES

Dormant tubers of Nelumbiums can be supplied only from May 1 to June 15, after which date only such varieties as we can furnish in pots should be planted.

	Each
Nelumbium Kinspiren. White shaded pink, free-flowering and early, tubers \$2.50, pot plants	\$3.50
Kermesinum. Satiny carmine-rose; tubers \$1.50, pot plants	2.50
Luteum (American Lotus). Rich sulphur-yellow; tubers \$1, pot plants	2.00
Speciosum (Egyptian or Sacred Lotus). Perfectly hardy. The flowers are of a rose-pink, very fragrant; tubers \$1.50, pot plants	2.50
Album grandiflorum. A grand white variety; tubers	2.50
Nymphaea alba candidissima. Large white variety of the English Water Lily .....	.50
Odorata. The well-known, white, fragrant pond lily .....	.25
Odorata gigantea. A Southern form of the preceding, with larger flowers .....	.25
Odorata rosea (Cape Cod Water Lily). One of the best pink, hardy Nymphaeas; it possesses all the desirable qualities of the white-flowered species. Per doz. \$5. ....	.50
Laydekeri Lilacea. Soft, rosy lilac, tea rose fragrance	1.50
Laydekeri purpurata. Rich, rosy crimson with orange-red stamens	1.50
Marliacea Chromatella. The best yellow water lily in cultivation .....	.75
Marliacea rosea. Large, deep rose	1.00
Pygmaea Helvola. A yellow, pigmy water lily; free-flowering .....	.75
Robinsoni. Dark orange-red effect; fine	1.50

Tubers of Nelumbiums 10 cts. and Nymphaeas 5 cts. extra, by mail

TENDER VARIETIES. We can furnish many other varieties not listed

Nymphaea Capensis. Rich sky-blue; 6 to 8 inches across	1.00
Coerulea. Light blue	1.00
Devoniensis. Brilliant rosy red; often 10 to 12 inches across .....	.75
Dentata. Large white, with long-pointed buds .....	.75
Rubra rosea. Rosy carmine; 8 to 10 inches across	1.00
Zanzibarensis azurea. Deep, rich azure-blue; delicate fragrance .....	.75
Zanzibarensis rosea. Deep rose color .....	.75
Water Hyacinth (EICHORNIA CRASSIPES MAJOR). Floats on the surface of the water, and produces fine spikes of light, rosy lilac orchid-like flowers. \$1.50 per doz.; each, by mail, 20 cts. ....	.15
Water Poppy (LIMNOCHARIS HUMBOLDTII). Flowers clear yellow; poppy-like. 15 cts each; by mail, 20 cts.	
Water Snowflake (LIMNETHUM INDICUM). In growth the plant resembles a water lily, with leaves from 3 to 5 inches across; the flowers are about as large as a fifty-cent piece, white; the upper surface of the petals is covered with a delicate fringe. 25 cts. each; by mail, 30 cts.	
Parrot's Feather (MYRIOPHYLLUM PROSERPINACOIDES). Very graceful; its long, trailing stems are clothed with whorls of the most exquisite foliage. 15 cts. each, \$1.50 per doz.; by mail, 20 cts. each.	
Cyperus Papyrus (Egyptian Paper Plant). Produces a number of slender stems surmounted by dark green shining plumes. 25 cts and 50 cts.; by mail, 30 cts and 60 cts.	

FOLIAGE AND FLOWERING PLANTS

FOR SUMMER BEDDING

	Doz.	100		Doz.	100
Abutilon.	\$1.25 to	\$2.50	Daisy, Paris White. Single white	\$1.50	\$10.00
Alternanthera, Dwarf Scarlet.	1.00	\$6.00	Feverfew, Double White.	1.00	8.00
Alternanthera, Dwarf Yellow.	1.00	6.00	Feverfew, Golden Feather. .....	.60	4.00
Achyranthes. Bright crimson	1.00	8.00	Fuchsias. In variety	1.50	10.00
Achyranthes. Green and white	1.00	8.00	Geranium, Double Varieties.	1.50	12.00
Ageratum. Blue or white	1.00	6.00	Geranium, Single Varieties.	1.50	12.00
Alyssum, Double White.	1.00	6.00	Geranium, Ivy-leaved Sorts.	1.25	10.00
Alyssum, Variegated Foliage.	1.00	6.00	Geranium. Variegated foliage	1.25	10.00
Antirrhinum (Snapdragon), Assorted	1.25	8.00	Heliotropes. Dark and light	1.00	8.00
Asters. Assorted colors. Double .....	.40	3.00	Hollyhock, Double. Assorted	2.00	12.00
Asters, Double White. .....	.40	3.00	Hollyhock, Single. Assorted	2.00	12.00
Begonia, Tuberos-rooted. Strong plants	2.00	15.00	Lantanas. In variety	1.00	8.00
Begonias. In variety	1.50	10.00	Lobelia. Dark blue, for bedding .....	.75	5.00
Caladium Esculentum.	2.50	18.00	Marigold, Dwarf French. .....	.75	5.00
Cannas, Dwarf Flowering.	1.50	10.00	Mignonette, Large-flowered.	1.25	8.00
Canna robusta. Tall; dark foliage	1.50	10.00	Nasturtium, Dwarf. Assorted .....	.75	6.00
Carnations for summer-flowering.			Pansy. Special strain, extra choice .....	.75	5.00
Strong plants out of 3-inch pots and the best sorts for this purpose only furnished	2.50	16.00	Petunia, Double. Assorted colors	1.50	10.00
Centaurea candidissima.	1.00	7.00	Petunia, Single. Assorted colors	1.00	6.00
Centaurea gymnocarpa.	1.00	6.00	Phlox Drummondii. Assorted .....	.75	6.00
Chrysanthemums. Our collection of these beautiful fall-blooming plants embraces the best of the old and the newer introductions. 1.50			Ricinus (Castor-oil Bean)	1.25	8.00
Coleus. Fine varieties .....	.75	5.00	Salvia Splendens. Best scarlet	1.25	8.00
Cobaea scandens.	1.50	12.00	Verbenas. Assorted colors .....	.75	5.00
Daisy, Double English. Assorted .....	.50	4.00	Verbena. Lemon-scented	1.50	10.00
Daisy, Paris Golden. Single yellow	1.50	10.00	Vinca Alba and Rosea (Flowering Vinca)	1.50	10.00
			Vinca Variegata (Periwinkle). Trailing	2.50	
			Zinnia, Columbia Prize. Assorted .....	.75	5.00

Many other varieties not mentioned in this list can be furnished at regular prices



SELECT LIST OF HARDY PERENNIAL PLANTS

We would recommend those who have never undertaken the culture of hardy plants to commence with a few varieties most easily grown, and gradually increase their collections from season to season, and, our word for it, it will lead to a confession that there is nothing in the way of bedding-out or ribbon gardening which can compare in any way to the beauty and refined charm of this class of plants. We can furnish a good selection of hardy plants, which may be expected to give successional bloom throughout the spring, summer and fall months, and, if the choice is left to us, will take special care to select such varieties as afford the most satisfactory results.

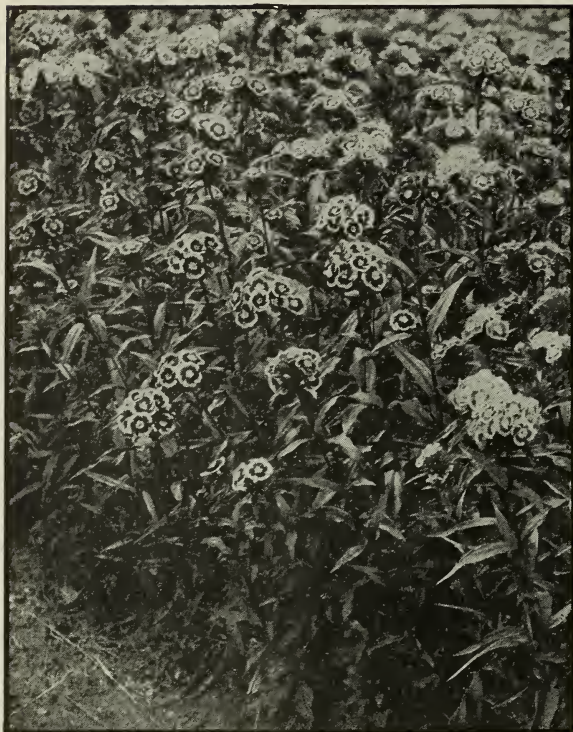
Our connections with the best and leading nurseries at home and abroad put us in a position to furnish the very best of all hardy nursery stock. We also furnish estimates on the laying out, planting and improvement of private estates, and furnish experienced gardeners to carry out the work. We shall be pleased to correspond with those contemplating improvements or planting hardy stock of any sort.

Any sorts not listed can be furnished at lowest prices

<p>ACANTHUS (Bear's Breech). A distinct class of plants with strong, leathery foliage. They are all hardy and make fine subjects in isolated positions.</p> <p>Latifolius. 4 ft. Flowers in tall spikes. Purple. July and August. \$0.25 \$2.50</p> <p>Mollis. 3 ft. Deep-toothed, heart-shaped leaves. July and August. .25 2.50</p> <p>ACHILLEA (Milfoil or Yarrow).</p> <p>Aegyptica. 20 in. Flowers yellow and silvery; fern-like foliage. July to Sept. .15 1.50</p> <p>Eupatorium. 4 ft. Most showy; flat heads of yellow flowers. July to Sept. .15 1.50</p> <p>Ptarmica fl. pl. var., The Pearl. Double white flowers, most useful for cutting. June to September. .15 1.50</p> <p>Millefolium roseum. 18 in. Broad, flat heads of pink flowers. July to Oct. .15 1.50</p> <p>ACONITUM (Monks hood). A stately group of plants for the wild garden or shady places.</p> <p>Autumnale. 4 ft. Deep blue flowers. October. .25 2.50</p> <p>Napellus. 3½ ft. Dark blue. August to September. .25 2.50</p> <p>Fischeri. 18 in. Dwarf; light blue. September to October. .25 2.50</p>	<p>ADONIS Vernalis (Spring Adonis). 1 ft. Each Doz. One of the earliest spring-flowering perennials. April to May. \$0.25 \$2.50</p> <p>AGROSTEMMA (Rose Campion). Excellent and showy plants for borders.</p> <p>Coronaria. 2 ft. Single white flowers. June to August. .15 1.50</p> <p>Flos Jovis. 2 ft. Single bright rose-colored flowers. June to July. .15 1.50</p> <p>AJUGA reptans (Bugle Plant). 6 in. Excellent for rockwork, covering banks and shady places. Grows in shade. May. .15 1.50</p> <p>ALSTROEMERIA aurantiaca (Chilian Lily). 2 ft. Tuberous-rooted plants; flowers of many colors. Fine for cutting. .15 1.50</p> <p>ALYSSUM (Madwort). Dwarf plants; grayish foliage; yellow flowers. Good for rockeries and dry soil.</p> <p>Rostratum. 1 ft. Bright golden yellow flowers. June to July. .25 2.50</p> <p>Saxatile, var. compactum (Basket of Gold). 1 ft. A grand plant for the rockery or border. April to June. .15 1.50</p> <p>AMSONIA tabernaemontana. 2 ft. Willowy foliage; dense spikes of blue flowers. May and June. .15 1.50</p>
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	Each	Doz.
ANEMONE Japonica rosea (Windflower). 2 to 3 ft. Flowers of medium size, color rose; stamens yellow.....	\$0.15	\$1.50
Japonica alba. 2 to 3 ft. Flowers large, white. One of the best.....	.15	1.50
Japonica, Lady Ardilaun. 2 ft. The finest white. September.....	.25	2.50
Japonica, Prince Henry. 2 to 3 ft. Large, very double, free-flowering; deep pink flower.....	.25	2.50
Japonica, Queen Charlotte. 2 ft. Large, semi-double flower, silvery pink.	.15	1.50
Japonica, Whirlwind. 2 to 3 ft. Large, semi-double, pure white flowers.....	.15	1.50
ANTHEMIS Tinctoria (Chamomile). 2 to 3 ft. Flowers lemon-yellow. Excellent for cutting. June and August.....	.15	1.50
Tinctoria, var. Kelwayi. Flowers deeper yellow.....	.15	1.50
ANTHERICUM Liliago (St. Bernard's Lily). 18 in. Bearing spike of pure white flowers. May to June.....	.15	1.50
Lilium major (St. Bruno's Lily). 2 ft. Flowers 2 in. in length. Fragrant. May and June.....	.20	2.00
AQUILEGIA (Columbine). Every garden should have these in its collection. Our collection is one of the best.		
Californica hybrida. 2 ft. Flowers yellow, spurs pink, red and yellow.....	.15	1.50
Canadensis (Common American Columbine). 18 in. The wild honeysuckle. Scarlet and yellow flowers.....	.15	1.50
Chrysantha (Golden Columbine). 2 to 3 ft. Yellow long-spurred flowers. May to August.....	.15	1.50
Coerulea (Rocky Mt. Columbine). 2 ft. Bright blue and white, long-spurred....	.15	1.50
Skinneri. 3 ft. Yellow with long red spurs. June to September.....	.15	1.50
Vulgaris. 3 ft. Deep blue.....	.15	1.50
Vulgaris alba. 3 ft. Double pure white.....	.15	1.50
ARABIS (Rock Cress). Dwarf, free-flowering plants, for rockwork and borders....		
Alpina. 6 to 9 in. One of the finest early white spring-flowering plants.....	.15	1.50
Alpina flora plena. 6 to 9 in. Double-flowering variety.....	.15	1.50
ARMERIA (Sea Pink or Thrift). A very useful plant for rockeries or borders, blooming all summer.		
Cephalotes rubra. 18 in. Deep rose or crimson flowers in a close globular head on a long stem. June to September.....	.15	1.50
Maritima. 6 in. Grass-like foliage with deep rose flowers. June to September....	.15	1.50
ASCLEPIAS tuberosa (Butterfly Weed). One of the showiest of our native flowers; brilliant orange. June to July.....	.15	1.50
ASPHODELUS Luteus (Asphodel). 3 ft. A good perennial with grassy foliage and strong flower-spikes bearing fragrant yellow flowers.....	.20	2.00
Luteus albus. 3 ft. With white flowers..	.30	3.00
ASTER (Michaelmas Daisies). These are our most showy flowers late in the fall.		
Alpinus. 9 inches, bright purple. July to September.....	.15	1.50
Novae-Angliae. 4 ft. Bright violet-purple	.15	1.50
Aster Novae-Angliae rosea. 4 ft. Bright rose.....	.15	1.50
White Queen. 4 ft. Large white.....	.15	1.50
W. F. Burbidge. 3 ft. Light violet.....	.15	1.50
BAPTISIA Australis (False Indigo). Long racemes of dark blue flowers. June to July.....	.15	1.50
Tinctoria. 2 to 3 ft. Bright yellow flowers. June to July.....	.15	1.50

	Each	Doz.
BELLIS perennis (English Daisy). 6 in. Pink and white, double.....	\$0.10	\$1.00
BOLTONIA Asteroides (False Chamomile). 5 to 6 ft. Fine late-flowering perennials. Aster-like white flowers. Aug. to Sept....	.15	1.50
Latisquama. 4 to 5 ft. Flowers clear lavender, fine for cutting.....	.15	1.50
CAMPANULA (Bluebells). A most useful species, free-flowering and embracing some of the most popular of hardy plants.		
Medium (Canterbury Bells). 3 in. Biennial. Flowers blue, white and rose. Separate colors.....	.15	1.50
Medium calycanthema. Biennial. Flowers blue, rose and white, separate colors..	.15	1.50
Carpatica. 9 inches. Erect blue flowers, useful for edgings and bedding.....	.20	2.00
Carpatica alba. 9 inches. Pure white....	.20	2.00
Persicifolia. 1½ to 2 ft. Blue. June to July.....	.15	1.50
Persicifolia alba. 2 ft. White. June and July.....	.15	1.50
Persicifolia Moerheimi. 2 ft. Double white, very fine. June and July.....	.25	2.50
Persicifolia pyramidalis. 4 ft. Blue. June and July.....	.20	2.00
Persicifolia pyramidalis alba. 4 ft. White.....	.25	2.50
CEDRONELLA cana (Balm of Gilead). 2 to 3 ft. Spikes of showy crimson flowers; aromatic foliage all the fall. July to Oct....	.20	2.00
CENTAUREA montana (Cornflower). 20 in. Showy large purple flowers. Fine for cutting. September.....	.15	1.50
Montana alba. 20 in. White.....	.15	1.50
Montana rosea. 20 in. Bright red.....	.15	1.50
CHELONE (Turtle Head). Good garden plants and showy flowers.		
Glabra alba. 2 ft. Heads white.....	.25	2.50
Lyoni. Heads deep red.....	.25	2.50
HARDY CHRYSANTHEMUMS		
Pompon, Small, or Button Varieties—		
Alice Cary. Pure yellow.		
Baby. Smallest golden yellow.		
Cerise Queen. Cerise-pink.		
Eagle D'Or. Chrome-yellow.		
Ermine. Bright orange-scarlet.		
Fred Peele. Lilac-red.		
Golden Pheasant. Deep orange-yellow.		
James Boon. Pure white.		
Little Pet. Rich violet-red.		
Rhoda. Pink, shaded white.		
Rufus. Crimson-maroon.		
Anemone-flowered Varieties—		
Earl. Dwarf; pearl-white, silver-rose.		
Furnessia. Silver-white.		
Lady Olive. Beautiful white.		
Oban. Silver-pink.		
Large-Flowering, or Aster Varieties—		
Arabella. Crimson-salmon.		
Ashbury. Sulphur-white.		
Boston. Golden bronze.		
Hijos. Primrose-pink.		
Ida. Bright golden yellow.		
Julia Lagravere. Crimson-maroon		
St. Almo. Fine white.		
Trivola. Fine rose.		
15 cts. each, \$1.50 per doz.		
Pompon. Pink, white, yellow and bronze-red. Field-grown clumps.....	.25	2.50
CHRYSANTHEMUM (Shasta Daisy).		
Blooms all summer		
Burbank's Alaska......	.15	1.50
Burbank's Californica......	.15	1.50
Burbank's Westralia......	.15	1.50



Dianthus Barbatus

	Each	Doz.
CLEMATIS Davidiana. 2 to 3 ft. A stout-growing perennial, with porcelain-blue flowers of the shape and size of the hyacinth. August to September.....	\$0.25	\$2.50
Recta. 3 ft. A fine variety white flowers	.25	2.50
COREOPSIS. One of the best blooming all-summer plants we have.....	.15	1.50
Grandiflora. 3 ft. Large yellow flowers.	.10	1.00
Lanceolata. 2½ ft. Yellow flowers.....	.10	1.00
DELPHINIUM (Larkspur). This bold and attractive group of perennials is a grand addition to the garden, and by removing the first flower-stems after the flowers are faded, a second crop will be thrown up.		
Chinense. 2 to 3 ft. Blossoms in open heads. Blue. Blooms all summer...	.15	1.50
Chinense album. 3 ft. White. Blooming all summer.....	.15	1.50
Formosum. 3 to 4 ft. Rich dark blue. One of the best.....	.15	1.50
Formosum coelestinum. 3 to 4 ft. Light blue.....	.15	1.50
Hybrid Seedlings. 3 to 4 ft. All colors..	.15	1.50
DESMODIUM penduliflorum (Sweet Pea Shrub). 4 ft. Bright rosy carmine flowers, blooming a long time in the fall. September to October.....	.25	2.50
DIANTHUS (Garden Pinks). A valuable and showy border plant; single and double; grows in all soils.		
Barbatus. 20 in. Sweet Williams. In all colors.....	.15	1.50
Plumarius. 9 in. Single; pink and white. Fragrant.....	.15	1.50
Plumarius fl. pl. 9 in. Double clove pink.....	.15	1.50
Plumarius, Her Majesty. Double white.	.15	1.50
Plumarius, Mrs. Sinkins. Double white.	.15	1.50

Dianthus Plumarius, continued	Each	Doz.
Plumarius, Miss Alcott. New. 1 ft. Double pink flowers as large as carnations, blooming all summer. One of the best garden pinks in the market. Fragrant..	\$0.50	\$5.00
DICENTRA, or Dielytra (Bleeding Heart). These are very ornamental plants, thrive in any good soil		
Formosa (Plumy Bleeding Heart). Dwarf growing; blooms from April to September.	.15	1.50
Spectabilis (Bleeding Heart). An old-fashioned favorite, growing in any soil....	.15	1.50
DIGITALIS (Foxglove). The foxglove with its broad foliage and showy spikes of bloom give a fine effect in any border.		
Grandiflora. 2 to 3 ft. A yellow-flowered variety, hardy; fine for partial shade.....	.15	1.50
Gloxiniaeflora. 3 to 4 ft. Spikes of beautiful tubular flowers of various shades of purple to white and with variously colored spotted throats.....	.15	1.50
DODOCATHEON Meadia (Shooting Star). Bears umbels of rosy purple flowers resembling the cyclamen. April to May...	.15	1.50
DORONICUM (Dogbane). There are no finer spring-blooming plants than these. They require a strong soil.		
Caucasicum. 1 ft. Early summer. Flowers bright yellow.....	.15	1.50
Plantagineum excelsum. 18 in. Flowers golden yellow, 3 to 4 in. across. Flowering all summer. Fine.....	.25	2.50
ECHINACEA purpurea (Purple Cone-Flower). 4 ft. A showy flower; strong-growing plant with flowers of great duration in August to September.....	.15	1.50
EPILOBIUM (Willow Herb; Fire Weed). 4 to 5 ft. Strong-growing; well adapted for low ground; flowering nearly all summer		
Angustifolium. Purplish rose.....	.15	1.50
Hirsutum. Pale pink.....	.15	1.50
Hirsutum album. Pure white.....	.15	1.50
EUPATORIUM (Thoroughwort). Easily grown and useful among tall-growing perennials		
Ageratoides. 3 ft. A useful plant with white flowers in dense heads.....	.15	1.50
Coelestinum. 18 in. A hardy plant with light blue flowers like the ageratium, flowering from August to October.....	.15	1.50
Purpureum (Joe Pye Weed). 4 to 5 ft. The native purple species. August to September.....	.15	1.50
FESTUCA (Fescue Grass). Neat tufted grass. Fine for edgings.		
Glaucia. 6 in. Light glaucous, blue foliage	.15	1.50
EUPHORBIA corollata (Flowering Spurge). A showy and useful plant with umbels of fine white flowers.....	.15	1.50
FUNKIA (Plantain Lily). A beautiful class of plants, growing well in partial shade.		
Grandiflora subcordata (White Day Lily). 2 ft. A pure white trumpet-flowered and fragrant species, with broad light green foliage. July to September.....	.15	1.50
Lancifolia. 2 ft. Deep green, lanceolate foliage, and spikes of lilac flowers, useful as a border for peonies. June to Sept. ....	.15	1.50
Lancifolia variegata. 1 ft. A fine foliage plant and one of the best for edgings.....	.15	1.50
GALIUM Boreale (Bed-straw). 2 ft. A very valuable plant with fine white flowers; for cutting use the same as Gypsophila (Baby's Breath).....	.15	1.50
Verum (Yellow Bed-straw). 2 to 3 ft. This plant is very useful for covering dry sandy banks. The fragrance is delicious..	.15	1.50

	Each	Doz.
GAILLARDIA (Blanket Flower). This plant grows in any soil, but thrives best in a light soil, blooming from June to Nov.		
Aristata . 2 ft. Flowers in great variety of coloring, with dark red-brown center, the petals yellow, red and orange. Fine for cutting.	\$0.15	\$1.50
Attraction . 2 ft. Flowers very large, of an intense vermilion, edged with broad golden band.	.25	2.50
GALTONIA candicans (HYACINTHUS CANDICANS). A bulbous plant disliking wet soil, but when established in dry location produces a grand effect with its large towering spikes of white bell-shaped flowers. August to September.	.15	1.50
GENTIANA Andrewsii (Closed Gentian). 2 ft. A native perennial thriving well in any location in the garden, flowers fine blue. August to October.	.25	2.50
GYP SOPHILA (Baby's Breath). Useful plants for cutting, growing in any soil; every garden should have them.		
Acutifolia . 3 to 4 ft. A strong-growing variety useful for cutting.	.15	1.50
Paniculata . 2 to 3 ft. An old-fashioned favorite; very useful with high-colored flowers. June to August.	.15	1.50
Paniculata fl. pl. 2 to 3 ft. New. A double variety of the above. The flowers if cut and dried, keep fresh and bright for a long time.	.25	2.50
HELENIUM (Sneezewort). Highly ornamental plants. (Valuable for late flowering.		
Autumnale superbum . 5 ft. A most valuable fall perennial, bearing immense heads of deep golden yellow flowers. August to September.	.15	1.50
Bigelowi . 3 ft. Yellow flower, dark center; flowers nearly 2 inches across.	.15	1.50
Grandcephalum striatum . 3 to 4 ft. Flowers deep orange striped and blotched with crimson.	.15	1.50
Hoopesii . 3 ft. Orange-yellow flowers; blooms from July to frost.	.15	1.50
Pumilum . 2 to 3 ft. Yellow flowers; blooms from June to October.	.15	1.50
HELIANTHUS (Sunflower). These form a very important group of bold, showy autumn-flowering plants. Indispensable for large borders and woodland walks.		
Decapetalus . 5 ft. Fine free-flowering form, with clear yellow flowers. Sept....	.15	1.50
Laetiflorus . 3 ft. Its semi-double, deep orange-yellow flowers are borne singly on wiry stems, fine for cutting. July to September.	.15	1.50
Maximiliani . 6 ft. Latest of all varieties. Flowers nearly 6 in. across.	.15	1.50
Miss Mellish . 6 ft. Very large flowers.	.15	1.50
Multiflorus fl. pl. 5 ft. Deep yellow, double dahlia-like flowers. One of the best for cutting. Protect heavily in winter. August to September.	.15	1.50
Soleil d'Or . 5 ft. Deep golden yellow, quilled flowers like a dahlia. Aug. to September.	.15	1.50
HELLEBORUS niger (Christmas Rose). Of great value for early spring flowering; should be planted in a partially shaded place. White waxy flowers. March to May.	.50	5.00
HEMEROCALLIS (Day Lily). One of our most valuable flowers for the border, belonging to the lily family; sweet-scented.		
Aurantiaca major . 3 ft. Brilliant orange-yellow flowers; very large; from Japan. July to August.	.50	5.00

	Each	Doz.
Hemerocallis , continued		
Dumortierii . 2 ft. Soft yellow, exterior bronze-yellow. July to August.	\$0.15	\$1.50
Flava . 3 ft. Golden yellow; very fragrant. Fine for cutting and forcing. May to June.	.15	1.50
Middendorffiana . 2 ft. A distinct species of a dark orange-yellow. Very fine bloomer. June to July.	.15	1.50
Thunbergii . 4 ft. Latest blooming variety. July to August.	.15	1.50
HEUCHERA sanguinea (Alum root). 18 in. Bright crimson; nice for borders, rockeries and cutting. June to July.	.15	1.50
HIBISCUS (Mallow). Hardy decorative plants, with showy blossoms, like single hollyhocks.		
Militaris . 5 ft. Rose-colored flowers with crimson center. August.	.15	1.50
Moscheutos . 4 to 6 ft. White flowers tinged with purple. August.	.15	1.50
HOLLYHOCKS . Finest double variety.	.20	2.00
Double-fringed Alleghany . Mixed.	.20	2.00
Finest Single Varieties .	.20	2.00
IBERIS sempervirens (Candytuft). 1 ft. Evergreen foliage; good for borders. May and June.	.15	1.50
IRIS Germanica (German Iris). They form a group unparalleled in beauty. Every shade of color may be found among them, and as they will thrive in almost any soil or situation, they must be considered necessary in every garden. For the wild garden, shrubbery borders, margins of water, rockwork, etc., they are admirably adapted.		
Aurea . Golden yellow.		
Coeleste . Deep lavender; very large and free flowering.		
Darius . Yellow, purple and lilac, margined primrose.		
Duc de Nemours . Pale lilac, veined and margined with white.		
Flavescens . Cream; very fine. One of the best.		
Florentina . Creamy white. Fragrant and early.		
Jeanne d'Arc . White.		
L'Innocence . Ivory-white, crest rich golden.		
Mme. Chereau . 3 ft. White, fringed with blue.		
Priscilla . Deep blue.		
Purple King . Deep blue.		
Queen of May . Soft rose-lilac, almost pink. 15 cts. each, \$1.50 per doz.		
IRIS Kaempferi (Japan Iris). One of the most astonishing tribes of plants ever seen, both in its robust, free-blooming habit and in the superb loveliness of its immense flowers. These differ from the other irises in having the blossoms broad and flat, like a clematis; grows best in moist, rich soils.		
Double—		
Blue Danube . Deep indigo blue, violet shadings.		
Excelisor . Shaded violet-purple, slightly veined with white, center white and orange.		
Gold Bound . Pure white. One of the best.		
La Favorite . Large white, freely veined with blue.		
Mahogany . Dark red, salmon-maroon.		
Oriole . Rich plum, marked with yellow.		
P. Camille de Rohan . Light purple, shaded violet, center dark purple.		
Pyramid . Lilac-blue, veined, white center on each petal.		
Robert Craig . French gray, veined with violet.		
Spotted Beauty . Wavy, double silky white. spotted with violet-crimson.		
Victor . White, veined violet-purple.		
Single—		
Apollo . Pure white, pink center.		
H. Von Sieboldt . Reddish, veined white, yellow center.		
Lavender Queen . Fine lavender.		
Lovelocks . Deep reddish purple, slightly veined white. Center white and yellow, satiny finish.		
Mars . Reddish purple, striped and blotched white.		



Paeony, Festiva Maxima

Iris Kaempferi, Single, continued

- Mirage. Light pink, suffused with light blue.
 Ondine. White shaded light blue toward center.
 Plume. White slightly suffused with blue, violet veins. Center deep lilac.
 Snowbound. Large pure white with golden bands.
 Toledo. White, light purple center.
 25 cts. each, \$2.50 per doz.

	Each	Doz.
Named Varieties, Double and Single...	\$0.25	\$2.50
Mixed Varieties.....	.15	1.50
IRIS orientalis. 2 ft. Rich violet flower. June to July.....	.15	1.50
Pseudacorus. 4 ft. Fine foliage bright yellow, will grow well in ponds or border of water gardens. June and July.....	.20	2.00
Sibirica. 3 to 4 ft. Foliage and flower-stems slender, useful for cutting. June ..	.15	1.50
Sibirica alba. 3 to 4 ft. Flowers white....	.15	1.50
LATHYRUS (Everlasting Pea). A beautiful vine for covering walls, etc.		
Latifolius. 8 ft. Flowers large, bright red. July and August.....	.25	2.50
Latifolius albus. July and August. ....	.25	2.50
LAVANDULA vera. True lavender. 2 ft. Fragrant bluish flowers; foliage gray, with fragrance of lavender.....	.15	1.50
LIATRIS pycnostachya (Blazing Star). 4 to 5 ft. Showy spikes of rosy purple flowers. July to September.....	.15	1.50
Scarioas. 2 to 3 ft. Dwarf, with large dark lavender flowers.....	.15	1.50
LINUM flavum (Flax). 1 ft. Bright yellow flowers from June to September.....	.15	1.50
Perenne. 18 in. Light blue flowers, which are produced all summer.....	.15	1.50
LOBELIA cardinalis (Cardinal Flower). One of the finest scarlet flowers. 3 ft.. Syphilitica. 2½ ft. Showy deep blue flowers. Sept.....	.15	1.50
LYCHNIS (Lamp Flower). Very reliable perennials, thriving in good soil and all brilliant and superior as garden plants.		
Chalcedonica (London Pride). 3 ft. Brilliant terminal heads of crimson flowers. June to August.....	.15	1.50
Maageana. 1 ft. A very showy perennial, brilliant scarlet. July to August...	.15	1.50

	Each	Doz
Lychnis, continued		
Viscaria splendens plena. 18 inches. A very distinct and beautiful variety; double, bright fiery rose May to July.....	\$0.15	\$1.50
LYTHRUM roseum superbum. A vigorous-growing perennial with spikes of deep rose-colored flowers. September.....	.15	1.50
MERTENSIA Virginica (Lungwort) Clusters of long, tubular, rich blue flowers. April to May.....	.15	1.50
MONARDA (Oswego Tea). Good growers and showy in bloom with fragrant foliage		
Didyma. 3 ft. Flowers bright scarlet....	.15	1.50
Didyma, Cambridge Scarlet. Crimson-scarlet.....	.15	1.50
Didyma rosea. Rose.....	.15	1.50
Fistulosa. 3 ft. Flowers all summer. Pale rose.....	.15	1.50
MYOSOTIS palustris (Forget-me-not). Flowers all summer.....	.10	1.00
OENOTHERA (Evening Primrose) An elegant class of plants thriving well in any location; blooms all summer.		
Speciosa. 2 ft. Large pure white flowers. May to September.....	.15	1.50
Youngii. 18 in. Bright yellow.....	.15	1.50
HERBACEOUS PAEONIES—		
Agida. Very fine, dark red.....	.50	5.00
Albiflora rubra. Red, very large flowers..	.50	5.00
Clara Barton. Pure white, one of the best	.50	5.00
Clarisse. Rose, very large.....	.50	5.00
Comte de Cassy. Light rose.....	.50	5.00
Crimson Queen. Crimson.....	.50	5.00
Denis Heyle. Deep pink; fine.....	.50	5.00
Edulis superba. Light rose, free bloomer.	.50	5.00
Faust. Light pink, one of the best.....	.50	5.00
Festiva. Pure white.....	.50	5.00
Festiva maxima. Finest white.....	.50	5.00
Gen. Grant. Red.....	.50	5.00
Humei. Rose, very large; late.....	.50	5.00
Humei Carnea. Clear cherry-pink.....	.50	5.00
Lizzie. Dark red.....	.50	5.00
Lady Bramwell. Pink, early.....	.50	5.00
Marie Lemoine. White-sulphur center...	.50	5.00
Queen Victoria. White, fine.....	.50	5.00
Japanese Tree Paeonies. Single and semi-double.....	.75	8.00
PAPAVER (Perennial Poppy). The perennial poppy is one of the most brilliant flowers there is for the garden or shrubbery		
Nudicaule (Iceland Poppy). 1 ft. Yellow all summer.....	.15	1.50
Nudicaule alba. White all summer.....	.15	1.50
Orientele. Oriental scarlet. 3 ft. June.	.25	2.50
Duke of Teck. Crimson-scarlet.....	.25	2.50
Parkmanni. Blood-red; center black....	.25	2.50
Salmon Queen. Soft salmon.....	.25	2.50
PENTSTEMON barbatus Torreyi (Beard Tongue). Bright scarlet flowers. 4 ft. July to September.....	.15	1.50
Diffusus. 18 in. Showy spikes of purple flowers. August.....	.15	1.50
Digitalis. Pure white flowers. July, Aug.	.15	1.50
HARDY PERENNIAL PHLOX—		
Amazon. Creamy white.		
Charlotte Saison. White, light crimson centers.		
Candeur. Pure white		
Coquelicot. Fine scarlet.		
Eclaireur. Carmine-purple.		
Embarrassment. Large pink.		
Eugene Verdier. Rosy purple, dark eye.		
James Gallaway. Cherry-red.		
Joseph Barra. Dark purple.		
Le Soleil. Rose bright center.		
Le Pole du Nord. White, crimson center.		
Lothair. Brilliant salmon, cardinal eye.		
Mad. Meuret. Silvery rose.		
Mad. Pape Carpenter. Fine, pure white.		
Mrs. Arnold Turner. Dwarf, white, red center.		

Hardy Perennial Phlox, continued

	Each	Doz.
Madsen. Pinkish white, dark red center.		
Mad. P. Langier. Salmon-pink.		
Ornament. Large red.		
Pecheur d'Islande. Red variety.		
Richard Wallace. Pure white, rosy crimson eye.		
Rosinante. Salmon-red, crimson eye.		
Rubra splenda. Fiery red.		
20 cts. each, \$2 per doz.		
PHLOX Carolina, var. ovata. 1 ft. A strong-growing variety, bright purplish red flowers in spring. May to June....	\$0.15	\$1.50
Subulata (Moss Pink). Pink flowers....	.15	1.50
Subulata alba. White flowers.....	.15	1.50
PHYSOSTEGIA Virginica (False Dragon Head). One of the most attractive mid-summer plants, covered with heath-like tubular flowers; clear pink. July to Aug.	.15	1.50
Virginica alba. White flowers.....	.15	1.50
PLATYCODON grandiflorum (Wahlenbergia). 2 to 3 ft. Large blue flowers resembling the campanula.		
Grandiflorum album. 2 ft. White July to October.....	.15	1.50
Grandiflorum album fl. pl. Double white July to October.....	.20	2.00
Grandiflorum fl. pl. Double blue.....	.20	2.00
POLEMONIUM coeruleum. 2 ft. Light blue. May to July.....	.15	1.50
Coeruleum album. 2 ft. White flowers.	.15	1.50

	Each	Doz.
PYRETHRUM roseum. 2 ft. One of the showiest flowers; of great value for cutting. June to July.....	\$0.15	\$1.50
Roseum fl. pl. Double flowers of several colors—pink, crimson and white.....	.25	2.50
RUDBECKIA fulgida (Cone-Flower). 4 ft. Orange flowers, dark center. July to September.....	.15	1.50
Lanceolata (Golden Glow). 5 to 6 ft. Double yellow, cactus-dahlia-like flowers. July to September.....	.15	1.50
Purpurea. 3 ft. Flowers 4 in. across, reddish purple, with large, cone-shaped center of brown. July to October.....	.15	1.50
SALVIA pratensis. 2 to 3 ft. Spikes of rich blue flowers. June to September....	.15	1.50
SCABIOSA Caucasic. A soft and pleasing shade of lavender. June to September	20	2.00
SPIRAEA filipendula fl. pl. Numerous corymbs of double white flowers. June to July.....	.15	1.50
Japonica. 18 in. Large white flowers. June.....	.15	1.50
Astilboides. Feathery white flowers. June	.15	1.50
Palmata. 3 ft. Large heads; crimson flowers. June to August.....	15	1.50
YUCCA filamentosa (Adam's Needle). Fine foliage and flowering plant. June to July.....	.25	2.50

HARDY CLIMBING PLANTS AND FLOWERING VINES

Embracing the most beautiful sorts of vines and creepers, suitable for training or climbing on verandas, trellises, walls, fences, etc.

	Each	Doz.
ACTINIDIA arguta. Oval, glossy leaves and clusters of fragrant flowers.....	\$0.50	\$5.00
AKEBIA quinata. Clover-like leaves and fragrant, velvety purple flowers.....	.35	3.50
AMPELOPSIS quinquefolia (Virginia Creeper). Rapid grower.....	.25	2.50
Engelmanii. A creeper that clings to stone or wood as tightly as English Ivy....	.35	3.50
Tricolor, or Vitis heterophylla (Variegated Grape). Pretty vine with white, pink and green-marbled foliage.....	.50	5.00
Veitchii (Japanese Ivy). Very fine for covering walls, rocks, etc.....	.25	2.50
ARISTOLOCHIA Sipho (Dutchman's Pipe). Heart-shaped leaves; the flowers resemble a pipe.....	1.00	10.00
BIGNONIA radicans (Trumpet Flower). Large trumpet-shaped, orange and red flowers.....	.25	2.50
CELASTRUS paniculatus (Japanese Waxwork). Assumes a shrub-like form unless given opportunity to climb. Crimson and orange fruit.....	.50	5.00
Scandens (Roxbury Waxwork). Glossy leaves and clusters of orange-crimson fruit, which remain on all winter.....	.35	3.50
CLEMATIS paniculata. A first-class decorative vine, with glossy, dark green foliage, and covered in the latter part of the summer with a cloud of star-like white flowers, so fragrant that the delicious odor can be detected at a long distance. 25 cts. and	.50	
Henryi. One of the best whites; very large white flowers.....	.75	7.50
Jackmani alba. Large white flowers, free bloomer.....	.75	7.50
Jackmani superba. Large violet-purple; free bloomer.....	.75	7.50
Mme. Andre. Large carmine-red flowers; very free bloomer.....	.75	7.50
Mme. Baron Veillard. Very large soft pink flowers, from midsummer until frost.	.75	7.50

	Each	Doz.
Clematis, continued		
Clematis Ina. Flowers fragrant; 2 inches across; produced at each joint, in August. White shading to lilac at edges. 50 cts. and	\$0.75	
DOLICHOS Japonicus (Kudzu Vine). Fast grower, with immense leaves and racemes of rosy purple, pea-shaped flowers	.50	\$5.00
EUONYMUS radicans. An evergreen, glossy-leaved vine, valuable for covering wood to which it clings.....	.25	2.50
Radicans variegata. Foliage variegated with white, pink and yellow.....	.25	2.50
HEDERA Helix (English Ivy). This is well-known and if planted on the eastern or northern side of the buildings will do well.	.50	5.00
HONEYSUCKLE Belgian or Dutch Monthly. Red and yellow fragrant flowers all summer.....	.35	3.50
Hall's Japan. Fragrant, yellow and cream-colored flowers all summer.....	25	2.50
Golden Variegated. Green and gold variegated foliage, variety of preceding....	.35	3.50
Scarlet Trumpet. Clusters of tubular scarlet flowers all summer.....	.50	5.00
HOP VINE. Vigorous and quick growing twiner for covering arbors, etc.....	.25	2.50
LYCIUM Chinense (Matrimony Vine). A climbing shrub with light green foliage and pale purple flowers; fine for northern exposures.....	.25	2.50
PERIPLOCA Graeca (Silk Vine). Glossy green leaves and small purple flowers....	.50	5.00
POLYGONUM Baldschuanicum. We consider it one of the most showy climbers. The flowers are borne on large feathery sprays at the ends of the branches throughout the summer and fall.....	1.00	
WISTARIA Sinensis (Chinese Wistaria). Long, pendulous clusters of pale blue flowers.....	1.00	10.00
Sinensis alba. White-flowered variety of preceding.....	1.00	10.00

ROSES

The rose is the one plant that needs no praise and little comment. Every one knows the rose, and no garden is ever satisfactory without its rose-bed. The secret of success is simply this: Throw out the soil 2 feet deep, and put in any kind of manure 1 foot deep, incorporate it with earth a little, and then cover it with 4 inches or more of soil, then plant the rose bushes firmly, and fill up with good soil. Roses should be planted very deep, except in very clayey soils.

The rose-bed should be in the full sun, if possible, and the surface be left a little hollow, so that water may be put on in summer and settle to the roots. Such beds will be full of healthy bushes and glorious blossoms.

HARDY HYBRID PERPETUAL ROSES

Strong 2-year-old plants 40 cts. each, \$4 per doz., \$30 per 100, by express only

Alfred Colomb. Bright, carmine-crimson, large and full.
 Anna de Diesbach. Large, clear bright carmine.
 Baroness Rothschild. Rich satiny pink; excellent.
 Baron de Bonstetten. Dark red, almost black; large.
 Caroline de Sansal. Clear rose, darker in center.
 Captain Christy. Deep flesh color, long bloomer.
 Charles Lefebvre. Brilliant velvety crimson; fine.
 Clio. Flesh-color, rich pink center.
 Countess of Oxford. Large, carmine-red.
 Countess of Roseberry. Reddish salmon; splendid.
 Coquette des Blancches. Pure white, very free
 Duke of Albany. Velvety crimson, turning black.
 Dupuy Jamain. Bright cherry, large and free.
 Earl of Dufferin. Large velvety crimson.
 Etienne Levet. Fine carmine-red; few thorns.
 Eugenie Verdier. Silvery pink; exquisite.
 Fisher Holmes. Deep brilliant crimson.
 Francois Michelon. Deep carmine-rose; extra.
 Frau Karl Druschki. The finest white.
 General Jacqueminot. Brilliant scarlet-crimson.
 Gloire de Margottin. Brilliant scarlet; free.
 Helen Keller. Large, brilliant rosy cerise.
 Jean Liabaud. Dark velvety crimson.
 Jeannie Dickson. Rosy pink, lighter edge.
 John Hopper. Large, rosy crimson; free.
 Lady Helen Stewart. Bright crimson-scarlet.
 Louis Van Houtte. Dark velvety crimson.
 Mad. Gabriel Luizet. Beautiful satiny pink
 Magna Charta. Bright pink and carmine.
 Marchioness of Dufferin. Large rosy pink.
 Marchioness of Londonderry. Ivory-white.
 Margaret Dickson. Finest white hybrid.
 Merveille de Lyon. Pure white, shaded rose.
 Mrs. John Laing. Beautiful soft pink; large.
 Mrs. Sharman Crawford. Deep pink, shaded.
 Paul Neyron. Immense deep pink.
 Prince Camille de Rohan. Crimson-maroon.
 Ulrich Brunner. Large, bright cherry-red.
 Victor Verdier. Large, showy, rosy carmine.
 White Baroness. Pure white, large and full.

HARDY MOSS ROSES

Strong plants 50 cts. each

These require close pruning and strong, rich soil for best results.

Blanche Moreau. Pure white, constant bloomer.
 Common Moss. Pale rose; a great favorite.
 Crested. Very fragrant, deep pink buds.
 White Bath. The finest white Moss Rose.

HARDY CLIMBING ROSES

Baltimore Belle. Blush, nearly white. 50 cts. each.
 Crimson Rambler. Immense clusters of double, deepest crimson flowers. 25 and 50 cts. each.
 Dawson. Double, deep pink, in clusters. 50 cts. each.
 Dorothy Perkins. Double, soft shell-pink, in clusters. 50 cts. each.
 Lady Gay. Flowers double, cherry-pink; foliage dark glossy green. 50 cts. each.
 Multiflora. Small and single, white in clusters. 30 cts. each.
 Paul's Carmine Pillar. Large, single, brilliant carmine. 50 cts. each.
 Setigera. Large, single, rose color. 35 cts. each.
 Sweetheart. Strong grower, glossy foliage, flowers in bud pink, opening white. \$1 each.
 Tausendschon. Deep, rosy pink flowers, about 2 in. across, in clusters. 75 cts. each.
 White Rambler. White, double, in clusters. 40 cts. each.
 Yellow Rambler. Double, light yellow, in clusters. 40c.

MISCELLANEOUS HARDY ROSES

Strong plants 50 cts. each

Austrian, Harrison's Yellow. Clear yellow.
 Austrian, Capucine. Single, orange-scarlet.
 Austrian, Persian Yellow. Double rich yellow.
 Baby Rambler. The dwarf ever-blooming Crimson Rambler. 2 ft. high.
 Mme. Georges Bruant. Pure white, ever-blooming
 Rugosa. Large, single, deep red flowers all summer, followed by large, brilliant red fruit.
 Rugosa alba. White variety of preceding.
 Soleil d'Or. Flowers large and full, varying in color from gold and orange to reddish gold shaded with red.
 Sweetbrier. Single pink, fragrant foliage.
 Wichuraiana. A rapid grower of trailing habit, with single pure white, fragrant flowers and handsome, glossy green foliage; largely used in Franklin Park.

TEA AND HYBRID TEA ROSES

We offer the leading well-tested varieties, which have proved most satisfactory for garden and house culture. They can be wintered safely by covering 6 to 8 inches deep with light dry material.

Strong 2-year-old plants 50 cts. each, \$5 per doz., \$35 per 100

American Beauty	Kaiserin Augusta Victoria
Bessie Brown	Killarney
Caroline Testout	Maman Cochet
Etoile de France	White Maman Cochet
Gruss an Teplitz	

HARDY EVERGREEN SHRUBS

BUXUS sempervirens (Boxwood). Bush form, 18 to 24 inch \$1 each.

Pyramidal form, 3 to 3½ ft., \$3; 4 ft., \$5 each.

Nana. Box edging. \$1 per doz., \$7.50 per 100.

EUONYMUS radicans (Creeping Euonymus). Very useful for covering walls, as it will cling to wood or stone. 25 cts. each.

radicans variegata. Habit same as preceding, but with handsome variegated foliage. 25 cts. each.

Euonymus, var. Round-leaved. Of more rapid growth than the type, with round leaves. 50 cts. each.

DAPHNE cneorum (Garland Flower). An evergreen hardy spreading plant; flowers resembling the Mayflower. Very fragrant. 75 cts. each.

KALMIA latifolia (Mountain Laurel). Glossy evergreen foliage and clusters of pink and white flowers. June. 18 to 24 inch, \$2 each.

MAHONIA Aquifolia (Ashberry). The spiny foliage turns scarlet in the fall. 50 cts. each.

RHODODENDRON Hybrids. Collection of Parson's best hybrid sorts. 18-in., \$1.50; 24-in., \$2; 30-in., \$3 each.

Maximum. Our native species, growing well in shady places. 2 to 3 ft. \$2 each.

FLOWERING AND ORNAMENTAL HARDY SHRUBS

This class of plants does more for our gardens and grounds, to make them look attractive and homelike, than all other classes combined. It gives us beautiful foliage of many kinds, flowers from April to November, and clothes the lawn with that abundance of branches and leafage which is so necessary to any feeling of seclusion or privacy in our home grounds.

	Each	Hydrangea, continued	Each
ALMOND, Double Pink. Very double, small pink flowers. May.....	\$0.50	Paniculata grandiflora. Immense, cone-shaped heads of white flowers, turning later to shades of pink and red. July to October.....	\$0.50
Double White. Like preceding, with white flowers. May.....	.50	We offer plants of this sort trained in tree form.	.75
ALTHEA, Double and Single. Handsome holly-hock-like flowers of red, white and purple. Sept..	.35	ILEX verticillata (Black Alder). Glossy dark green foliage and bright crimson berries. The berries remain all winter.....	.35
Variegated Foliage. Leaves marked with yellow; flowers double, purple. Sept.....	.50	LILAC, Common Purple. An old favorite; fragrant purple flowers. May.....	.35
ARALIA pentaphylla. One of the best shrubs to plant on north and east side of buildings, also in shady places.....	.35	Common White. Like preceding, with fragrant white flowers.....	.35
AZALEA, Ghent. Best named sorts, with rich and varied colors. June.....	\$1.50 to 2.50	Charles X. Magnificent clusters of dark red flowers in great profusion.....	.75
Mollis. More dwarf and larger flowered than preceding. June.....	\$1 to 2.50	Dr. Lindley. Very dense clusters of violet-red; one of the finest.....	.75
Nudiflora (Pinxter Flower). Native, with pale or deep pink fragrant flowers.....	1.00	Frau Bertha Dammann. Producing the largest clusters of pure white flowers.....	.75
Vaseyi. Flowers pink, shading to violet; fine.	1.00	Louis Van Houtte. Huge clusters of fine bright red flowers.....	.75
BERBERIS Thunbergii (Japan Barberry). Beautiful tinted foliage in the autumn. June.....	.25	Ludwig Spaeth. Very large and of a splendid dark purple-red.....	.75
Vulgaris (European Barberry). Pendulous clusters of red berries. June.....	.25	Leon Simon. Very large, double bluish crimson; the buds are coral-red.....	.75
Vulgaris purpurea. Deep purple foliage all summer. June.....	.35	Mad. Lemoine. Grand, double white variety, with large foliage.....	.75
CALYCANTHUS floridus (Spice Bush). Deep chocolate-colored flowers of pineapple fragrance. June to September.....	.35	President Grevy. Immense spikes of double cobalt-blue flowers, with rosy edges.....	.75
CARAGANA arborescens (Siberian Pea Shrub). Flowers yellow, foliage fine.....	.35	Persian. Light purple, more open habit and branches more slender and drooping than other sorts.....	.50
CHIONANTHUS Virginica (White Fringe). Delicate fringe-like flowers, white. May.....	.75	Persian White. Pure white form of the above...	.50
CLETHRA alnifolia (Sweet Pepper Bush). Upright spikes of fragrant white flowers. July to September.....	.35	LONICERA Tatarica (Bush Honeysuckle). Profusion of sweet-scented pink flowers. May.....	.35
COLUTEA arborescens (Bladder Senna). Light green, acacia-like foliage; yellow flowers followed by pink bladder-shaped pods.....	.35	Tatarica alba. Pure white-flowered sort of the preceding. May.....	.35
CORCHORUS Japonica fl. pl. (Kerria). Brilliant double, orange-yellow flowers. June and July....	.35	Morrowii. Yellow flowers, followed by rich crimson fruit. All summer.....	.35
CORNUS florida. Large, white-flowering dogwood. May.....	.75	PRIVET, California (Ligustrum). Broad, oval-shaped leaves; white flowers; fine for hedge. July.....	.35
Florida rubra. Large, deep rose-colored flowers. May.....	1.50	European. Valuable hedge plant, with showy white flowers; very hardy. June.....	.35
CYDONIA Japonica (Japan Quince). Large, deep scarlet flowers, followed by large fruit.....	.35	European. Variegated foliage. Pretty green and white foliage. June.....	.35
DEUTZIA crenata fl. pl. Double white flowers, tinged with rose. June.....	.35	Ibota (Japan). Dark, oval foliage, and racemes of white, fragrant flowers.....	.35
Crenata alba fl. pl. Double pure white flowers. June.....	.35	PHILADELPHUS coronarius (Syringa, or Mock Orange). Pure white fragrant flowers in clusters. June.....	.35
Gracilis. Round, dense bush, covered with snow-white flowers. June.....	.35	Coronarius aureus. Golden foliage. One of the best golden foliage shrubs. June.....	.35
Lemoinei, New. Erect panicles of large snow-white flowers. June.....	.50	Avalanche. Low-growing shrub with weeping branches and pure white fragrant flowers. June..	.75
ELAEAGNUS longipes. Ornamental and edible-fruited shrub from Japan. July.....	.50	Lemoinei, Mont Blanc. Attaining 5 ft. in height, with erect branches entirely covered with large fragrant flowers.....	.50
EUONYMUS Americanus (Strawberry Bush). Deep scarlet berries. June.....	.35	PRUNUS Pissardi (Purple-leaved Plum). Bright purple foliage through the season.....	.50
Atropurpureus (Burning Bush). Purple flowers in clusters, and scarlet fruit.....	.50	Triloba (Double-flowering Plum). Double pink flowers, like small roses. May.....	.50
EXOCHORDA grandiflora. Chinese shrub, with clusters of pure white starry flowers. May...	.50	PYRUS angustifolia (Bechtel's Double-flowering Crab). Large, double flowers of a pink color; beautiful; highly fragrant and resembling pink roses. May.....	1.50
FORSYTHIA Fortunei (Golden Bell). Pendulous, trumpet-shaped, yellow flowers. April.....	.35	Malus Parkmani (Tea Rose-flowering Crab). Long, rich carmine buds. May.....	\$1 to 1.50
Suspensa (Weeping Golden Bell). Weeping habit and showy yellow flowers. April.....	.35	RHODODENDRONS, Hardest Hybrids. Fine collection of the best named sorts.....	\$1.50 to 3.00
Viridissima. Stiffer and bush-like habit. May.....	.35	Maximum. Excellent for shady situations. Flowers white and pink.....	2.00
HYDRANGEA nivea. Large, flat heads of white flowers, and heart-shaped leaves. July.....	.35		
Paniculata. Thickly studded with heads of single white flowers. September.....	.35		

	Each
RHODOTYPUS Kerrioides (White Kerria). Flowers white all summer.....	\$0 35
RHUS Cotinus . (Purple Fringe or Smoke Tree). Purplish flowers. June.....	.50
RUBUS odorata (Flowering Raspberry). Large, fragrant, reddish purple flowers all summer.....	.35
SPIRAEA, Anthony Waterer . Low-growing, with flatheads of brilliant red flowers all sum- mer.....	.35
Opulifolia aurea (Golden Spiraea). One of the best yellow-leaved shrubs; flowers white. June...	.35
Prunifolia fl. pl. (Bridal Wreath). Double, pure white flowers. May.....	.35
Thunbergii . Low-growing, rounded form, with an abundance of white flowers. May.....	.35
Van Houttei . Graceful, rounded form, covered with pure white flowers. June.....	.35
SYMPHORICARPUS racemosus (Snowberry). Small pink flowers with large white berries that remain throughout the winter. July.....	.35

	Each
SAMBUCUS nigra aurea (Golden Elder). A large golden-leaved shrub.....	\$0.35
VIBURNUM Opulus (High-bush Cranberry). Cymes of white flowers in June, and bright scar- let berries into late winter.....	.35
Opulus sterilis (Common Snowball). Large, pen- dent balls, snow-white. May.....	.35
Plicatum (Japan Snowball). Considered super- ior to the preceding in foliage, which is plicated, and flower, which is larger and whiter. May...	.75
Tomentosum . Single form of the preceding, with massive cymes of bloom late in the summer.	.50
WEIGELA candida . Tubular white flowers all summer.....	.35
Eva Rathke . Large, deep crimson; flowers from June to frost.....	.35
Floribunda . Deep crimson flowers. June.....	.35
Rosea . Fine rose-colored variety. June.....	.35
Rosea nana variegata . Silvery variegated leaves and pinkish white flowers. June.....	.35

HEDGE PLANTS

	100
ACACIA, or Honey Locust . 1 to 2 ft.....	\$5.00
2 to 3 ft.....	8.00
ARBORVITAE, American . 1 to 1½ ft.....	10.00
1½ to 2 ft.....	15.00
BARBERRY, Japanese, or Thunbergii . 1 to 1½ ft.	15.00
Common. 1 to 1½ ft.....	12.00
Purple. 1 to 1½ ft.....	15.00
HAWTHORN, English . 1 to 2 ft.....	10.00
HEMLOCK . 1½ to 2 ft.....	45.00
JAPANESE Quince (Cydonia). 1 to 2 ft.....	12.00

	100
LILAC, Common . 1 to 2 ft.....	\$15.00
3 to 4 ft.....	20.00
PRIVET, California . 2 to 2½ ft. \$8.00; 2½ to 3 ft....	10.00
3 to 4 ft.....	12.00
Common. 2 to 3 ft.....	8.00
Ibota . 1½ to 2 ft. \$10.00; 2 to 3 ft.....	12.00
SPIRAEA, Golden . 2 to 3 ft.....	15.00
Thunbergii. 2 ft.....	18.00
Van Houttei. 2 to 3 ft.....	20.00
SPRUCE, Norway . 1½ to 2 ft.....	20.00

ORNAMENTAL TREES

DECIDUOUS TREES

ASH (Fraxinus)— 10 ft., \$1. Birch (Betula)— Canoe (B. PAPYRACEA). 8 ft., \$1.50. Cut-leaved Weeping. 7 to 8 ft., \$1.50 Purple-leaf. 6 to 7 ft., \$2. BEECH (Fagus)— American (F. FERRUGINEA). 5 ft., \$1.25. Fern-leaved. 4 ft., \$1.50; 5 ft. \$2. Rivers' Purple. 4 to 5 ft., \$1.50; 6 ft., \$3. CATALPA — Speciosa. 7 to 8 ft., \$1. CRATAEGUS (Hawthorn)— Oxyacantha flore pleno Paulii (Paul's double-flower- ing Hawthorn). Scarlet. 5 to 6 ft., \$1.50. Oxyacantha alba plena (double white-flowering Haw- thorn). 5 to 6 ft., \$1.50. ELM (Ulmus)— American. 9 to 10 ft., \$1. English (U. CAMPESTRIS). 7 to 8 ft., \$1.50. HORSE-CHESTNUT (Aesculus)— Common. 6 to 7 ft., \$1. Double-flowering. 6 to 7 ft., \$2. Red-flowering. 6 ft., \$2. SWEET CHESTNUT (Castanea)— American. 5 to 6 ft., \$1. LARIX (Europaeus)— European Larch. 3 ft., 75 cts. LINDEN (Tilia)— American (Basswood). 7 to 8 ft., \$1. European. 7 to 8 ft., \$1.50. LOCUST (Robinia)— Honey (GLEDITSCHIA TRIACANTHOS). 6 ft., 75 cts. Yellow. 6 ft., 50 cts. MAGNOLIA — Conspicua. Covered with masses of snow-white lily- like flowers. May. \$2.50.	
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Magnolia, continued Glaucia (Sweet Bay). Beautiful native, with glossy leaves and fragrant white flowers. June. \$1.50. Lennei . Large, deep purple, cup-shaped flowers; excel- lent. April. \$2.50. Soulangeana . Large flowers, pink outside and white inside; fragrant. April. \$2.50. Stellata . Fragrant, double, pure white, with a rosy flush. April. \$2. MAPLE (Acer)— Norway (A. PLATANOIDES). 8 to 10 ft., \$1; 10 to 12 ft., \$1.50. Red, or Scarlet (A. RUBRUM). 8 ft., \$1.25. Silver (A. DASYCARPUM). 9 to 10 ft., \$1. Sugar, or Rock (A. SACCHARINUM). 8 to 10 ft., \$1; 10 to 12 ft., \$1.50. Japanese. Numerous varieties, with foliage of various forms and colors. 3 ft., \$2.50 OAK (Quercus)— Pin (Q. PALUSTRIS). 6 ft., \$1.50. Red (Q. RUBRA). 6 ft., \$1.50. Scarlet (Q. COCCINEA). 7 ft., \$1.50. POPLAR (Populus)— Bolleana. Pyramidal habit. 8 ft., \$1.25. Carolina, or Cottonwood. 8 to 10 ft., \$1. Golden. 8 ft., \$1 Lombardy. 6 to 8 ft., 50 cts.; 10 to 12 ft., \$1. Silver (P. ALBA). 7 to 8 ft., 75 cts. SYRINGA Japonica (Tree Lilac). 6 ft., \$1.50.	
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WEeping TREES

2 to 3-year heads Ash . Fine specimens. \$2. Ash, Mountain . \$1. Beech . \$2. Birch, Cut-leaved . 7 to 8 ft. \$1.50. Elm, Camperdown . A fine tree. \$1.50. Japanese Cherry (CERASUS JAPONICA). \$1.50. Maple, Wier's Cut-leaf . 8 ft., \$1; 10 ft., \$1.50. Willow, Kilmarnock . \$1.	
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EVERGREEN TREES

ABIES Balsamea. The Fir Balsam of the Maine woods. 3 ft., 75 cts.

Concolor (Colorado Balsam). One of the most valuable evergreens for the lawn, having long silvery foliage. 2 ft., \$3; 4 ft., \$5.

JUNIPERUS communis (Spreading Juniper). Valuable for covering banks. 18 in., 75 cts.

Communis aurea. A golden form of the preceding. 12 to 15 in. 75 cts

Hibernica (Irish Juniper). 3 ft., 75 cts.

Virginiana (Red Cedar). 3 ft., 75 cts.

PICEA alba (White Spruce). Valuable for planting near the sea. 2 ft., \$1; 4 ft., \$1.50.

Engelmanii (Engelman's Spruce). A choice Rocky Mountain tree of pyramidal growth and glaucous foliage. 2 ft., \$1; 3 ft., \$2.

Excelsa (Norway Spruce). The most common spruce used. Valuable for screens and groups. 2 ft., 50 cts.; 3 ft., 75 cts.

Pungens (Colorado Spruce). The hardest of all spruces. Fine for lawns. 2 ft., \$2; 3 ft., \$3.

Pungens, var. Kosteriana (Koster's Blue Spruce). The finest of all evergreens for lawn decorations. 2 ft., \$3; 3 ft., \$5. Price on large specimens on application.

PINUS Austriaca (Austrian Pine). One of the best pines for seashore planting. 2 ft., 75 cts.; 3 ft., \$1

Mugho (Dwarf Pine). This is valuable for shore planting and lawns. 18 in., \$1.

Resinosa (Red Pine). A native; useful for foliage effect; tall-growing. 3 ft., 75 cts.

Strobis (White, or Weymouth Pine). Our most valuable timber tree; useful for windbreak. 3 ft., 75 cts.; 4 ft., \$1

RETINOSPORA ericoides (Heath-leaved Japan Cypress). Foliage bluish green in summer, bronze in winter. 1 ft., 50 cts.

Filifera. Foliage thread-like and drooping. One of the hardest. 18 in., \$1.

Filifera aurea. Golden foliage; habit like the preceding. 18 in., \$2

Plumosa (Plume-like Japan Cypress). One of the hardest; can be trained in pyramidal forms. 2 ft., 75 cts.; 4 ft., \$2.50.

Plumosa aurea. Golden form of the preceding. 18 in., 75 cts.; 3 ft., \$1.50; 4 ft., \$2.

THUYA occidentalis (American Arborvitæ). Useful for hedges. 3 ft., 75 cts.; 4 ft., \$1.

var. George Peabody. Golden foliage, holding its color all summer. 2 ft., 75 cts.; 4 ft., \$2.

var. Hoveyi (Dwarf Arborvitæ). Useful for a border. 18 in., \$1.

Pyramidalis (Pyramidal Arborvitæ). Useful as a specimen. 2 ft., 50 cts.; 4 ft., \$1.

TSUGA Canadensis (Hemlock). One of the handsomest native evergreens, useful for hedges. 2 ft., 75 cts.; 3 ft., \$1.

FRUIT TREES

APPLES

Bright, healthy trees are sent from the nurseries, and no others. When received, they should have one-half of last season's growth cut back, and they will be sure to thrive. Nothing is so injurious to newly planted fruit trees, especially to those which have made a very vigorous growth the year before, and have long shoots of new wood, as to leave them full length. That is, the very best trees suffer most by leaving all the top on. Don't be afraid to cut. 75 cts. each, \$8 per doz.

SUMMER VARIETIES

Early Harvest. Yellow, medium size. Aug.
Golden Sweet. Greenish yellow, large. Aug. to Sept.
Red Astrachan. Red, large. Aug.
Sweet Bough. Pale yellow, large. Aug.
Tetofsky. Yellow and red; juicy. July and Aug.
Williams Favorite. Red, excellent. Aug.
Yellow Transparent. Pale yellow, good. Aug.

AUTUMN APPLES

Alexander. Red-striped, large. Oct.
Fameuse, or Snow. Crimson. Nov. to Jan.
Fall Pippin. Greenish yellow, large. Nov.
Gravenstein. Red-striped, large. Oct.
Porter. Yellow, large. Sept.

WINTER VARIETIES

Baldwin. Red, large.
Ben Davis. Yellow and red, large.
Hubbardston Nonsuch. Yellow and red, large.
King. Crimson, large.
McIntosh Red. One of the best, red; Nov., Feb.
Northern Spy. Yellow and red; large.
Rhode Island Greening. Greenish yellow; large.
Roxbury Russet. Medium to large. Dec. to June.
Spitzenburgh. Red, medium, excellent. Dec. to April.
Talman Sweet. Yellow, medium size. Nov. to April.
Twenty Ounce. Striped, large. Oct. to Jan.
Wealthy. Red, medium size, fine. Dec. to Feb.
Winesap. Yellow and red, medium size. Dec. to May.

DWARF APPLES

75 cts. each, \$8 per doz.

Baldwin Wealthy
Bismarck McIntosh Red
Duchess Winesap
Early Harvest

CRAB APPLES

75 cts. each, \$8 per doz.

Hyslop. Dark crimson; large.
Red Siberian. Red-striped; medium size.
Transcendent. Yellow and red; large.
Yellow Siberian. Yellow; medium size.

CHERRIES

\$1 each, \$10 doz.

Bigarreau Napoleon. Yellow and red; large. July.
Black Eagle. Deep purple; large. July.
Black Tartarian. Purplish black; large. June.
Coe's Transparent. Amber and red; medium. June.
Early Richmond. Bright red; medium. June.
Gov. Wood. Yellow and red; large. June.
May Duke. Dark red; medium. June.
Mercer. Dark red, best keeper.

PEARS

Remember that pear trees must have rich soil. Never, however, put manure of any kind where it will touch the roots when a tree is first planted. It is sure death to it. Put it in the soil, near them, liberally.

5 to 7 ft., \$1 each; \$10 per doz.

SUMMER VARIETIES

Bartlett. Yellow and large.
Clapp's Favorite. Yellowish green, large.
Koonce. Yellow with handsome blush.
Wilder. Yellow, fine quality; coreless.

AUTUMN VARIETIES

Anjou. Greenish yellow. Nov. to Dec.
Beurre Bosc. Russet color; large.
Louise Bonne. Yellowish green; small.
Seckel. Yellowish russet; small.
Sheldon. Yellowish russet; medium size.
Vermont Beauty. A fine variety. Oct.

WINTER VARIETIES

Clairgeau. Yellow and red; large.
Dana's Hovey. Yellow, russet-netted; small.
Duchesse d'Angouleme. Yellow and large
Lawrence. Yellow and red; medium
Lincoln Coreless. Golden, hardy.
Winter Nelis. Yellow and red; medium size

DWARF PEARS

\$1 each, \$10 per doz.

Bartlett Seckel
Anjou Sheldon
Louise Bonne de Jersey Lawrence

PEACHES

Keep the leading branches well pruned back, and in the spring prune back all shoots of the previous year's growth, thus insuring sound and well-furnished heads with bearing wood, weak shoots being reduced one-half and stronger ones from one-third up, being careful to retain an adequate supply of fruit-buds. Keep the ground clean and well worked about the trees, and give an occasional dressing of wood ashes.

50 cts. each, \$5 per doz.

Champion. Creamy white, red cheeks; large. Aug. 1.
Crawford's Early. Yellow and red; large. Aug.
Crawford's Late. Yellow and red; large. Sept.
Crosby. Yellow; freestone. Sept.
Early York. Red; medium. Aug.
Elberta. Large; light yellow. Aug.
Foster. Yellow and red; large. Aug.
Hale's Early. White and red; medium. July.
Oldmixon Free. White and red; large. Sept.
Smock Free. Orange and red; large. Oct.
Stump the World. White and red; large. Sept.

QUINCES

75 cts. each, \$7.50 per doz.

Apple, or Orange. Large roundish; bright golden yellow; very productive. Early to late.
Champion. Large; yellow; very productive, and ripening very late.
Rea's Mammoth. Large; yellow; one of the best. Early.

PLUMS

The growth of the plum tree is being better understood by cultivators, thorough culture and careful attention to the destruction of the black knot and curculio being the most essential points to consider.

5 to 6 ft.; \$1 each, \$10 per doz.

Bavay's Green Gage. Greenish yellow; large. Sept.
Coe's Golden Drop. Yellow and large. Sept.
German Prune. Blue; medium. Sept.
Lombard. Violet-red; medium. Sept.
Shropshire Damson. Purple; medium. Oct.

JAPAN PLUMS

These have quickly found favor among growers on account of their great vigor, freedom from disease, and the fact that they come into bearing two or three years after planting. They are of high quality, beautiful in appearance, and keep for an unusually long period after picking.

\$1 each

Abundance. The fruit is large; amber in color, turning to a rich, bright cherry, and highly perfumed; flesh tender and of delicious sweetness. It ripens in August, and cannot be too well spoken of for its adaptability to general cultivation.

Burbank. Clear cherry-red, with yellow dots; flesh deep yellow, rich and sugary. The tree is low and spreading, and an abundant bearer.

Wickson. A magnificent hybrid. A cross between Burbank and Kelsey, and thought to be the finest yet produced. Fruit large, dark, showy and of the highest quality. Free, most vigorous and prolific.

SMALL FRUITS

CURRENTS

\$1.25 per doz., \$3 per 100

Black Naples. Large, black, for preserves.
Cherry. Large, red, popular sort.
Fay's Prolific. Largest and finest red.
Red Cross. Excellent quality, good size and prolific.
Versaillaise. Large, red, excellent.
White Grape. Very large, white.

BLACKBERRIES

To keep a blackberry bed in good productive condition, the old, weak and dead wood should be cut out every season to give strength to the young shoots for the next year's bearing. In spring the weakest suckers should be removed, leaving five or six of the strongest in each hill; the ground should be spaded and a top dressing of manure given. Rows 5 feet apart and plants 4 feet apart in the rows.

\$1 per doz., \$5 per 100

Agawam. Sweet, medium size. Early.
Eldorado. Extra fine and very hardy, large, sweet berry.
Erie. One of the best; large and productive. Early.
Kittatinny. Large; one of the best. Medium.
Lawton. Large, sweet and fine. Late.
Snyder. Medium size; very fine. Medium.
Wachusett. Fair size, good quality. Comparatively free from thorns. Medium.
Wilson, Jr. Large, excellent. Early.

RASPBERRIES

Treat and cultivate as recommended for blackberries

\$1 per doz., \$5 per 100

Clarke. Large, red, firm; one of the best.
Cuthbert. Medium to large, red, sweet.
Marlboro. Popular red sort. Early and hardy.
Shaffer's Colossal. Large, purplish red; fine.
Loudon. Very prolific; one of the hardestiest; best red sorts.
Golden Queen. Large, yellow and firm; fine quality.
Gregg. Large, black cap, great bearer.
Mammoth Cluster. Large and productive, black cap.
Souhegan. Large and early, black cap.

GOOSEBERRIES

Industry. An English variety with large dark red fruit, free from mildew. \$2 per doz.
Red Jacket. An American variety with large ruby-red fruit, fine flavor and free from mildew. \$2 per doz.
Pearl. Prolific sort; free from mildew. The fruit is large; light green and fine quality. \$2 per doz.
Downing. Whitish green, prolific. \$1.50 per doz.

GRAPES

HARDY VARIETIES

50 cts. each, except where noted

BLACK

Concord. Large, always reliable. Medium.
Eaton. Very large, new. Medium.
Hartford. Large and productive. Early.
Campbell's Early. Very large berry and clusters, rich flavor and very sweet.
Moore's Early. Large, fine quality. Early.
Wilder (Rogers' No. 4). Very large. Medium.
Worden. Large, excellent quality. Early.

RED

Brighton. Large, best quality. Early.
Delaware. Small, delicious. Late.
Ionia. One of the finest table grapes, high flavor and long keeper. Late.
Vergennes. Large, splendid. Medium.

WHITE

Empire State. Tender. Medium.
Green Mountain. One of the best. Early.
Moore's Diamond. Large, excellent. Early.
Niagara. Large and productive. Medium.

FOREIGN VARIETIES

For growing under glass, strong planting canes \$3 to \$4 each; fruiting canes \$5 to \$7 each

BLACK

Alicante. Very large, fine quality.
Black Hamburg. The best for general use.
Gros Colman. Very large, sweet and juicy.
Madresfield Court. Large, rich muscat flavor.

WHITE

Bowood. Large, with a sweet muscat flavor.
Golden Chasselas. Large, excellent sort.
Golden Hamburg. Large bunches, one of the best.
Muscat of Alexandria. A delicious variety.

STRAWBERRIES

The strawberry will grow in any good garden soil where the ground has been thoroughly prepared. For family use we recommend planting them in double rows, 1 foot apart each way and 5 feet between the double rows, allowing a sufficient number of runners to grow into the wide passage to cover about 1½ feet on each side; all the rest should be pinched off. It is advisable to cover the plants in winter with litter, which should be removed as soon as the plants commence to grow in spring.

Layer plants in spring, \$1 per 100, \$7 per 1000, except where noted. Pot-grown plants after August 1, \$3 per 100, \$25 per 1000.

Abington. Strong grower and great yielder. The bright red berries are of very large size, firm and fine flavor. Early to medium.

Barrymore. Awarded silver medal and three first premiums by the Massachusetts Horticultural Society, in 1908. A great berry for all purposes. Large size, rich, dark, glossy crimson color; conical shape; flesh red and quality excellent. Medium. 50 cts per doz., \$2.00 per 100.

Brandywine. Large, roundish conical, bright, glossy crimson berries, firm and solid; excellent quality and fine flavor. Medium.

Bubach No. 5. (P.) Very large and productive, bright scarlet; a fine market sort. Early to medium.

Commonwealth. Large, glossy crimson berry, of excellent quality, a great cropper and one of the latest.

Gandy. Large, bright crimson berries of uniform size best of late sorts, ripening two weeks after Sharpless.

Glen Mary. Very large, highly colored, firm, and ranks with the best in flavor. Medium to late.

Golden Gate. New seedling, resembles the Marshall and will succeed where the Marshall fails. It produces strictly fancy, firm fruit clear to the end of the season, of a rich crimson color.

Marshall. Large, rich crimson, and fine flavor. One of the most popular sorts. Medium.

Minute Man. (P.) Very productive, long-season sort, of excellent quality. Medium to late.

Nick Ohmer. Largest size, regular form, excellent flavor, firm, and a deep glossy red. Medium.

Sample. (P.) Large, bright scarlet; very prolific and fine quality.

Success. Large, round, bright scarlet, flavor always fine. Early.

NEW EVERBEARING STRAWBERRIES

Pan-American. A most persistent bloomer from May till November. It is better to nip off the first stems as more will appear, and they will continue to appear all summer and fall. In 25 or 30 days from the time we stop removing the blossoms we will get ripe fruit. The fruit is of good size and nice quality. Some single plants will bear a quart of fruit or more. With a little protection on cold nights, they will continue to bear until almost Thanksgiving time. 25 cts. each., \$2 per doz., \$12 per 100, by express.

The Autumn. A strong, healthy, vigorous plant, which makes a lot of runners. The parent plant produces an enormous crop of medium sized, handsome fruit, perfect in shape and very dark colored, in August, September and October. As this is a pistillate variety, it should have some Pan-Americans grown with it to fertilize its blossoms. \$1.50 per doz., \$8 per 100, by express.



FARM, GARDEN AND LAWN REQUISITES, TOOLS, ETC.

Asparagus Buncher and Trimmer, Houghton's. Makes bunches in two sizes and trims them. \$3.50 each.

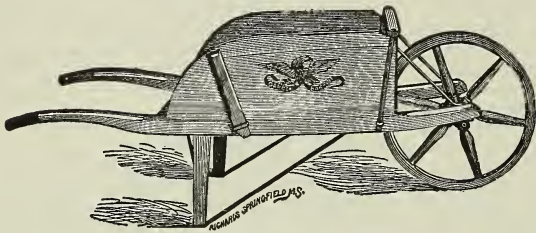
Asparagus Knife. Granite State; 50 cts. each, by mail 60 cts.

Axes. Warranted steel, Witherell's extra quality, handled. \$1.25 to \$1.50.

Axle Grease, Fraser's. 10-lb. bucket, \$1.35; 25-lb. bucket, \$1.75.

Balls, Ox. Brass. 5 and 10 cts. each.

Bars, Crow. Solid cast steel. Per lb. 7 cts.



Barrow, Eagle Garden. This is a strong, well made barrow. The wheel has a cast-iron hub, with white oak or ash spokes and rims; the axle is wrought iron, with turned arbors. The frame is made from the best seasoned timber, the end of the bottom resting on, or rather cut into, the back sill.

No. 1, Eagle, Extra Finish..... \$4.50
No. 2, Eagle, Extra Finish..... 5.50
No. 3, Eagle, Extra Finish..... 7.00

Baskets, Verbena. Wire handle attached, 10 inches long, 5 inches wide, 3 inches deep. \$2 per 100; \$18 per 1000.

Baskets, Verbena, Large Size. Have adjustable wooden handles with tin fastenings, 10 in. long, 7 in. wide, 4 in. deep. \$3 per 100; \$25 per 1000.

Baskets, Verbena. Small size with adjustable wooden handles. 10 in. long, 5 in. wide, 3 in. deep. \$2 per 100; \$18 per 1000.

Baskets. For holding leaves, 4 bushels; each \$3.50.

Baskets, Rustic Hanging. Made from natural roots, etc. Varnished. 8 in. 75 cts. each; 10 in. \$1 each; 12 in. \$1.50 each; 14 in. \$1.75 each.

Baskets, Wire Hanging. Either round or flat bottom. 6 in., \$2 per doz.; 7 in., \$2.50 per doz.; 8 in., \$2.75 per doz.; 9 in., \$3 per doz.; 10 in., \$3.50 per doz.

Baskets, Orchid. Square, made of best seasoned cherry. 6 in., \$4 per doz.; 8 in., \$5 per doz.; 10 in., \$6 per doz.; 12 in., \$7 per doz.

Bellows, American. For applying sulphur, hellebore, etc., to plants. No. 11, 75 cts.; No. 16, \$1; No. 19, \$1.25.

Bellows, French. In two sizes. No. 1, \$1.50; No. 2, \$2.

Bill Hooks. For heavy pruning. No. 2, \$1.50; No. 3, \$1.75.

Boxes for Cut Flowers. The following sizes are kept in stock. Others can be furnished promptly.

No.	Length	Width	Depth	Doz.	100
1	15 inches	5 inches	3 inches.....	\$0.25	\$1.80
2	21 inches	5 inches	3 inches.....	.40	2.50
3	24 inches	5 inches	3 inches.....	.45	2.75
4	18 inches	6 inches	3½ inches.....	.50	3.00
5	21 inches	7 inches	3½ inches.....	.55	3.50
6	24 inches	8 inches	4 inches.....	.60	4.50
7	28 inches	8 inches	5 inches.....	.85	6.00
8	35 inches	8 inches	5 inches.....	1.00	7.50

Boxes, Corrugated Shipping.

Size	Inches	Doz.	100
C	30 x 12 x 7	\$2.25	\$18.00
D	36 x 12 x 9	2.75	25.00
E	40 x 15 x 9	3.00	27.00
F	48 x 14 x 8	3.25	32.00

Brooms, Bamboo. For lawns and driveways. In two sizes, 35 and 50 cts. each.

Brooms. For use in greenhouses, stables, etc. Two sizes, 60 and 75 cts. each.

	Each
Brooms. Rattan mixed.....	\$0.75
Brooms. Rattan, push.....	.75
Brooms. Rattan, flat.....	.60
Brooms. Ciar fibre; extra quality handled.....	.75

Brushes, Dandy. Palmetto fibre. 50 cts. each.

Brushes, Horse. Palmetto fibre. 25 cts. each.

Brushes. For destroying gipsy moths and caterpillars. \$1.25 each.

Brushes. For applying creosote to destroy eggs of the gipsy moth. 25 cts. each; \$2.25 doz.

Bull Leaders. With brass head, heavy, handled. \$2.25 each.

Bull Leaders or Staffs. Snap, handled. 75 cts. each.

Bull Rings. Copper. Manufactured from the best material only; will not injure the bull's nose. 25 cts. each.

Bull Rings. Cannon metal. Extra heavy. \$1 each.

Burlap. For putting around trees to trap gipsy moths. 8 in. wide, 3 cts. per yd.; 100 yds., \$2.50; 40 in. wide, 11 cts. per yd.; piece about 100 yds., 10 cts. per yd.

Burning Brands. For marking tools, etc. Six letters or less, \$2; each additional letter, 25 cts.

Bush Hooks. Strapped-eye handle. \$1 each.

Canes, Bamboo. 6 to 8 ft. long. \$5 per 100.

Canes, Bamboo, Japanese. Very light and strong, 6 ft., \$1 per 100; 8 ft., \$1.25 per 100.

Carnation Supports, Model Extension. Made of heavy steel wire, galvanized. \$3 per 100, \$27.50 per 1000.

Carnation Support, Excelsior. Heavy galvanized wire. In two sizes. 13 in., \$1.25 per 100; 20 in., \$1.40 per 100. One of each length makes a complete plant support.

Coal Tar. For covering scars made by removing large limbs from trees. 25 cts. per qt.; 50 cts. per gallon.

FARM, GARDEN AND LAWN REQUISITES, TOOLS, ETC., continued

Cotton Wadding. In large sheets, for protecting plants and flowers from frost. 5 cts. each; 50 cts. per doz.

Cultivator, The Norcross Hand Garden. Does the work easier and faster than any wheel hoe. Made of first-class material. Light and durable. Weighs three pounds; 4-ft. handle. 75 cts. each.

Curry Cards. Small size. 10 cents each.

Curry Cards. Large size. 15 cents each.

Curry Combs, English. 25 cents each.

Dibbles. Steel points, wooden handle. 35 cts. each.

Edging Knife. American. 75 cts.; English, \$1.65 each.

Electric Tape. For mending hose, etc. 25 cts. per coil.

Eveners, Selected Ash. Each \$1.25.

Eveners. Three-horse and whiffletrees, per set \$6.00.

Fastening Wires. Per doz., 20 cts.

Florists' Vases, Fibre. Made of Indurated Fibre. Have neither seams, joints nor hoops. For displaying cut flowers they are unexcelled. Mahogany finish.

Order by Number only.

No.	Diameter Inside	Depth Inside	Each	Doz.
0	8	13	\$0.60	\$6.60
1	5½	10	.50	5.70
2	4½	9	.45	5.00
3	4	6	.40	4.20
4	3	4½	.35	3.20
00	9	22	2.25	25.00
000	29	9	3.00	35.00
01	7	20	1.75	14.40
11	5½	18	.60	6.60
22	4½	15	.55	5.70
33	4	12	.45	5.00
44	3	9	.40	4.20

Flower Pot Hanger, Krick's Perfect. No. 1 will fit from 3½ to 5-inch pots, 30 cts. per doz.; No. 2 will fit from 5 to 8-inch pots, 40 cts per doz.; No. 3 will fit from 8 to 12-inch pots, 50 cts. per doz.

Bulb and Seed Pans, Round

Inches	Each	Per doz.
6	\$0.07	\$0.72
8	.10	.96
10	.16	1.75
12	.30	3.00



Flower Pots, Standard
Measurement from inside to inside. Width and depth equal.

Inches	Per doz.	Per 100
2	\$0.10	\$0.60
2½	.15	.75
3	.20	.95
3½	.25	1.15
4	.30	1.50
4½	.35	2.00
5	.50	2.65

Inches	Per doz.	Per 100
6	\$0.72	\$4.50
7	.96	6.65
8	1.50	9.35
9	1.90	13.50
10	2.40	17.50
11	3.60	22.00
12	4.80	32.00

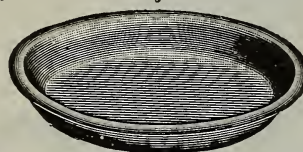
Flower Pots, Neponset Paper. Made from a properly prepared fabric, which gives the necessary firmness. Unbreakable, and made so as to give ample drainage. Not less than one crate at 1000 price.

Inches	In crate	100	1000
2½	1000	\$0.25	\$2.42
2½	1000	.30	2.78
3	1000	.45	3.82
3½	1000	.60	5.24
4	500	.80	6.90
5	500	1.20	10.96
6	500	1.65	14.61

Flower Pot Saucers, Standard

Inches	Per doz.	Per 100	Inches	Per doz.	Per 100
3½	\$0.15	\$0.95	8	\$0.60	\$4.00
4	.20	1.20	9	.75	5.25
4½	.28	1.35	10	1.00	6.50
5	.30	1.50	11	1.32	8.00
6	.42	2.00	12	1.80	10.00
7	.50	2.75			

Flower Pot Saucers, Fibre. Much cheaper in the end than earthenware, are not porous and will protect tables, etc., on which they stand from moisture.



Inches	Each	Doz.	Per 100	Inches	Each	Doz.	Per 100
4	\$0.12	\$1.25	\$10.30	10	\$0.17	\$1.90	\$15.00
5	.12	1.30	10.60	12	.20	2.20	18.00
6	.13	1.35	11.00	14	.25	2.80	24.00
7	.14	1.50	12.00	16	.45	5.10	42.00
8	.15	1.60	13.00	18	.50	5.85	48.00
9	.16	1.85	14.40				

Fibre Rolling Stands. These are made of two steel pieces securely riveted and equipped with castors; a strong and compact support for plants, which can be readily rolled about. Sold complete with saucer.

Outside Diameter	Pot Dia. at Bottom	Each	Price Doz.
12 in.	10 in.	\$0.55	\$6.00
14 in.	11 in.	.65	7.20
16 in.	13 in.	.80	9.00
18 in.	15 in.	.90	10.00
20 in.	17 in.	1.05	12.00
22 in.	20 in.	1.30	15.00

Garden Lines, Braided. Will not kink. 100 ft., 85 cts.; 200 ft., \$1.50.

	Each
Forks, Hay. 3 to 6 ft., bent handles.	\$0.40 to \$0.75
Forks, Manure. 4 tine, mal. D. handle, strapped	1.15
Forks, Manure. 5 tine, mal. D. handle, strapped	1.25
Forks, Manure. 6 tine, mal. D. handle, strapped	1.35
Forks, Manure. 4 tine, wood D. handle, strapped	1.25
Forks, Manure. 5 tine, wood D. handle, strapped	1.35
Forks, Manure. 6 tine, wood D. handle, strapped	1.55
Forks, Spading. 4 tine, mal. D. handle, strapped	1.00
Forks, Spading. 4 tine, wood D. handle, strapped	1.15
Forks, Spading. 5 tine, mal. D. handle, strapped	1.25
Forks, Manure. 4 tine, long handled, strapped. . .	1.00
Forks, Manure. 5 tine, long handled, strapped. . .	1.15
Forks, Manure. 6 tine, long handled, strapped. . .	1.25
Forks, Hand. For transplanting. . . . .	.40

FARM, GARDEN AND LAWN REQUISITES, TOOLS, ETC., continued

Garden Line Reels. Malleable iron Japanned. Small, 50 cts.; large, 75 cts.

Grafting Wax. Of best quality. $\frac{1}{4}$ lb., 10 cts.; $\frac{1}{2}$ lb., 15 cts.; 1 lb., 30 cts.

Glass Cutters. 25 cts. each.

Gloves. Gardening and pruning. 75 cts. to \$1.50 per pair.

Grass Hooks or Sickles. English, No. 2, 50 cts. each, No. 4, 75 cts. each; American, 50 cts. each.

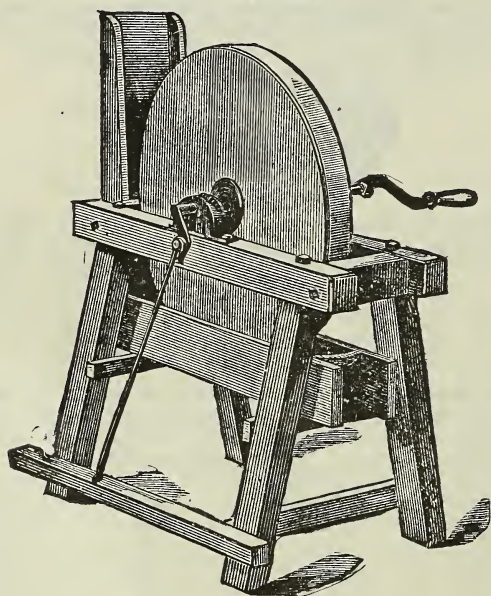
Glaziers' Points, Peerless. Will stop glass from slipping. Made of steel wire galvanized. Per box of 1000 60 cts., by mail 75 cts. Pincers for driving 40 cts. each, by mail 50 cts.

Glaziers' Points, Sieberts. Made of zinc. Will not rust. In two sizes, 5-8 and 7-8 inches long. Each size 40 cts. per lb., by mail 55 cts.

Glazing Machine. \$1.25 each.

Grafting Knife or Chisel. Small, 50 cts.; large, 75 cts.

Grindstones



Our stones are selected by a person thoroughly posted on the merits of the different quarries, regarding fineness and sharpness of grit, and all points of advantage to the various uses to which a stone is put. The frame is of selected oak, solidly bolted together, and will last for years. The fixtures are selected with a view to the requirements of the stone on which they are to be used.

20 inches diameter, complete.....	\$8.00
22 inches diameter, complete.....	8.50
24 inches diameter, complete.....	9.00
26 inches diameter, complete.....	9.50
28 inches diameter, complete.....	10.00
30 inches diameter, complete.....	10.50
32 inches diameter, complete.....	11.00
34 inches diameter, complete.....	12.00

Grindstone Fixtures, 75 cts. to \$1.25.

Grindstones, Unmounted, $2\frac{1}{2}$ cts. pound.

Hammer, Nail. Adze eye, bell face; extra quality, 50 cts. and 75 cts.

Hammer, Stone. Solid cast steel, forge finished and oiled. 3 to 5 lbs. 25 cts per lb.; 5 to 30 lbs. 15 cts. per lb.

Hammer, Stone Striking. Solid cast steel, forge finished and oiled. Under 5 lbs. 25 cts. per lb.; 5 to 30 lbs. 15 cts. per lb.

Hatchet, Shingling. Cast steel, bronzed, polished bits. No. 1, 60 cts.; No. 2, 65 cts.; No. 3, 75 cts.

Hatchet, Lathing. Solid cast steel, Boston pattern, 90 cts.

Hatchet, Axe Pattern. No. 1, 70 cts.; No. 2, 80 cts.

Handles, Axe. Extra quality hickory..... \$0.30

Handles, Hammer. Extra quality hickory..... .25

Handles, Pick. Extra quality hickory..... .30

Handles, Hay Fork. Extra quality ash..... .25

Handles, Hoe. Extra quality ash..... .15

Handles, Manure Fork...... .45

Handles, Shovel and Spade...... .35

Handles, Rake...... .25

Hoes, Arlington Scuffle. Used by market gardeners, long handles. 6 in. \$1.25; 7 in. \$1.40; 8 in. \$1.50; 9 in. \$1.65.

Hoes, English or Dutch Scuffle. 4 in. 60 cts.; 5 in. 65 cts.; 6 in. 70 cts.; 7 in. 75 cts.; 8 in. 85 cts.; 9 in. 95 cts.

Hoes, Socket Draw. 8 in. 50 cts.

Hoes, Meadow. 9 in. 50 cts; $9\frac{1}{2}$ in. 55 cts; 10 in. 60 cts.

Hoes, Plimpton Tooth. 60 cts.

Hoes, Mortar or Street. 10 in. 75 cts.

Hoes, Ladies' 50 cts.

Hoes, Onion. 50 cts.

Hose, Couplings. Per set 25 cts.

Hose Menders, Hudson's. Boxes containing 1 pair plyers, 6 metallic tubes and 20 wires, per box, 60 cts. Metallic tubes, per doz., $\frac{1}{2}$ inch, 35 cts.; $\frac{3}{4}$ inch, 45 cts. Wires per doz., 18 cts.; per 100, \$1.25.

Hose Strap, Sherman. $\frac{3}{4}$ inch and $\frac{1}{2}$ inch each, 5 cts.; doz., 50 cts.

Hose Reducers. For connecting $\frac{1}{2}$ inch and $\frac{3}{4}$ inch hose couplings with Bordeaux or Vermorel Nozzle. Each 25 cts.

Hose Nozzle, Friend. One of the best for spraying trees or shrubbery. Angle and straight, each \$1.00.

Hose Mender, Cooper's. Made of heavy brass, requires no wires or pliers to adjust it. 10 cts. each; 3 for 25 cts.; 75 cts. per doz.

Hose Menders, Perfect Clinching. In one piece, doing the work of the mender tube and two clamps ordinarily used. $\frac{1}{2}$ and $\frac{3}{4}$ in. 10 cts. each.

Hose Nozzle, Bordeaux Spray. \$1.00 each; with reducer for $\frac{3}{4}$ -in. hose \$1.25.

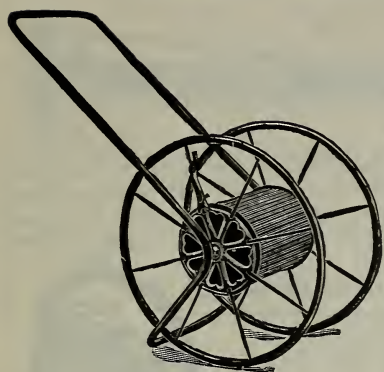
Hose Nozzle, Boston Rose Spray. For greenhouse, flower garden, hotbed, lawn, etc. 3-inch face, brass. \$1.00 each, by mail \$1.15 each. 4-inch face \$1.25, by mail \$1.40. Shut-off connection, 75 cts.

Hose Nozzle, Deming-Vermorel Spray. Throws a fine spray. $\frac{1}{4}$ -in. pipe \$1; reducer for $\frac{3}{4}$ -in. connection 25 cts.

Hose Nozzle, Fairy. Will throw either a spray or single stream. 75 cts. each.

Hose Nozzle, New Boston. Will throw a coarse or fine spray or a large or small stream as may be desired. Small, 50 cts., by mail 60 cts.; large, 75 cts., by mail 90 cts.

Hose Nozzle, Stott's Spraying. Single \$1 each, double \$1.25; by mail 10 cts. additional.



Hose Reels.

All iron, very strong, the best in the market. No. 1, holding 100 feet, \$3.50; No. 2, holding 150 feet, \$4; No. 3, holding 200 feet, \$5.50.

Hose, Cotton Garden.

Half in., 11 cts. per foot; $\frac{3}{4}$ in., 12 cts. per foot. In 50 ft. lengths.

Hose, Rubber Garden. "Dreadnaught Brand." A braided hose made of the best materials and with sufficient body to withstand any general service pressure and rigid enough to endure the usual treatment of garden hose for a much longer time than garden hose generally sold. Does not kink. We offer this in 25 and 50 ft. lengths, also in continuous lengths of 500 feet. $\frac{1}{2}$ inch at 15 cts. per ft.; $\frac{3}{4}$ inch at 17 cts. per ft.

Hose, Rubber Garden, Revere. Cannot separate between plies and does not kink. Made in continuous lengths of 500 ft., also in 25 and 50 ft. lengths. $\frac{1}{2}$ inch at 16 cts. per ft.; $\frac{3}{4}$ inch at 18 cts. per ft.

Hose, Rubber Garden, "Wallabout." This hose has a wide reputation for service and durability and is recommended for general use. In 50 ft. lengths, $\frac{1}{2}$ inch 10 cts. per ft.; $\frac{3}{4}$ inch, 12 cts. per ft.

Hose Washers, Rubber. For $\frac{1}{2}$ inch and $\frac{3}{4}$ inch hose. Per doz., 5 cts.; per $\frac{1}{4}$ lb. 35 cts.; per lb., 75 cts.

Ink Indelible. For marking on zinc labels. Small bottles, 20 cts. each; large bottles, 35 cts. each.

Knives, Budding and Pruning. Saynor's and Wostenholm's; in various styles, 75 cts. to \$2.00.

Knives, Budding. Twin brand. 75 cts. to \$1.25.

Labels, Copper. Made of copper and copper wired, indestructible and always legible. No. 1, $3\frac{3}{8}$ x $\frac{3}{4}$ in., \$1.00 per 100; No. 2, 5 x $1\frac{1}{8}$ in., \$1.50 per 100.

Labels, Wood. For plants and trees. The neatest and best in the market.

	Plain Per 1000	Painted Per 1000
4-in. Pot Label.....	\$0.50	\$0.70
5-in. Pot Label.....	.70	.95
6-in. Pot Label.....	.90	1.20
8-in. Garden Label.....	3.00	3.70
10-in. Garden Label.....	4.00	4.80
12-in. Garden Label.....	5.00	6.00
3 $\frac{1}{2}$ -in. Tree Label.....	.50	.70
3 $\frac{1}{2}$ -in. Tree, iron wired.....	.80	1.00
3 $\frac{1}{2}$ -in. Tree, copper wired.....	1.00	1.20

Labels, Wood Border. 16 x $1\frac{1}{4}$ x $\frac{3}{8}$ inches, \$2.50 per 100; \$20 per 1000.

Labels, Zinc Garden. No. 7, $2\frac{3}{4}$ x $\frac{7}{8}$, with hole for wire, 75 cts. per 100; No. 4, pointed 5 x 1 , \$1 per 100; No. 15, $4\frac{3}{4}$ x $\frac{3}{4}$ in., 75 cts. per 100; No. 2, \$1.25 per 100.

Labels, Zinc Garden. With wire rod 18 in. long, galvanized, to which is attached a zinc label. Complete per 100, \$4.50.

Lanterns, Tubular. Side lever lift with guards, 65 cts.

Lantern Globes. 10 cts. each; \$1.00 dozen.

Lawn Sprinkler, Columbia. One foot high; 3 arms, \$1.25 each.

Lawn Sprinkler, Fountain. Made of brass, in form of a circle. \$1.00 each, by mail \$1.15.

Lawn Sprinkler, Enterprise. An attractive sprinkler, tinned and nickel-plated. Twelve inches high with four curved arms, and so constructed that it cannot become clogged. \$4.00 each.



The "New Comet." Combines the greatest possible capacity in a Lawn Sprinkler with the utmost adjustability and simplicity. The two sprays shown in cut can be set upright, or at any angle, and by means of a simple device inside the case, they are made to revolve slowly, throwing a fine spray over a space of from 6 to 35 feet in diameter, as desired. By removing one of the sprays, a large stream is thrown far beyond the possibility of the spray, covering a space of from 50 to 70 feet in diameter, according to the water pressure. Made entirely of brass. Polished, \$3.50; nickel-plated, \$4.00.

Lawn Boots, Horse. For lawn or golf work, horse boots are indispensable for use in connection with mower or roller. They prevent the horse sinking in damp or soft places and do not cut or tear up the turf. The following patterns have been adopted for some particular merit of their own. Made from selected material, durable and easily adjusted.



"Links-Lawn." Per set \$10.00

Baker's Lawn Boots. With leather tips 8.00

Baker's Lawn Boots. Without leather tips.... 6.00

Manure Hooks. Long handle, 4-tine, 65 cts.; 5-tine, 75 cts.; 6-tine, 85 cts.

Mats, Archangel. Useful in protecting from light frosts. 80 cts. each.

Mats, Hotbed. Made by hand of the best rye straw. Size 6 x 6, \$1.75 each; 6 x 3, \$1.00 each.

Mats, Hotbed Palmer. No. 2, 76 x 76. Made with burlap on one side and duck on the other, filled with wool and quilted. \$1.60 each.

Mats, Hotbed Singapore Fibre. Heavier than straw, but more durable. 6 x 6, \$2.00 each.

Mattocks, Long Cutter. Extra quality, \$1.25 each.

Mattocks, Pick. Extra quality, \$1.25 each.

Mole Traps, English. 35 cts. each. **Reddick,** 75 cts. each.

Oilers. With spring bottom. 25 and 35 cts. each.

Oil, Harvester. For mowers, reapers, etc. Gal., 75 cts.

Oil, Lubricating. Superior quality. For lawn mowers, etc. Put up in half-pint, spring-bottom cans with spout. 25 cts. each.

Pails, Stable. Oak, extra quality, with three galvanized hoops. 75 cts. each.

THOMAS J. GREY CO.'S SEED CATALOGUE

FARM, GARDEN AND LAWN REQUISITES, TOOLS, ETC., Continued

Peony Supports. Galvanized wire, 75 cts. each; \$7.50 per doz.

Paper, Green Waxed. Sheets 12 x 18 inches; lb. 30 cts. Ream about 3½ lbs., \$1.00.

Paper, White Tissue. Sheets 20 x 30 inches; lb. 20 cts. Ream about 7 lbs., \$1.25.

Paper, White Waxed. Sheets 14 x 18 inches; lb. 30 cts. Ream about 6 lbs., \$1.60. Sheets 24 x 36 inches, 30 cts. per lb.

Paper, White Wrapping. Sheets 24 x 36 inches; lb. 10 cts. Ream about 40 lbs., \$3.25.

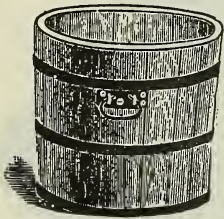
Pencils, Indelible Label. With point protector. Black or blue; 15 cts. each.

Picks, Contractors. Best refined iron with steel points.....\$1.25

Plant Protecting Cloth for Hotbeds. Valuable for covering hotbeds and frames, instead of glass. Medium grade, per yard 10 cts., by the piece about 60 yards, 9 cts. per yard.

Plant Tubs, Cedar

For ferns, palms and other large plants. Made of thick cedar, nicely painted green. Drop handles on sides. The best made.



	Diam. No. across Top	Height Outside	Price
1	28 in.	22 in.	\$5.50
2	26 in.	20 in.	5.00
3	24 in.	18½ in.	4.25
4	22 in.	17 in.	3.60
5	20 in.	16 in.	3.00
6	18½ in.	15 in.	2.35
7	16½ in.	14 in.	1.95
8	15½ in.	13 in.	1.70
9	14 in.	12 in.	1.45
10	12 in.	9½ in.	1.20

Plant Tubs, Oak

Natural wood finish. These are neatly made with galvanized iron handles. They are admirably adapted for use on lawns, in halls, etc. The bottom is composed of pine, rendering the tub lighter and much more durable.

	Price
No. 1. 12 inches diameter, 11 inches high.....	\$1.25
No. 2. 14 inches diameter, 12 inches high.....	1.45
No. 3. 16 inches diameter, 13 inches high.....	1.95
No. 4. 18 inches diameter, 15 inches high.....	2.25
No. 5. 20 inches diameter, 17 inches high.....	2.65
No. 6. 24 inches diameter, 20 inches high.....	2.85
No. 7. 26 inches diameter, 22 inches high.....	3.40

Plant Sprinklers Straight neck or angle neck, each; large size 75 cts.; medium 60 cts., by mail 10 cts. additional.

Post Hole Digger or Auger. Standard, \$3.50 each.

Potato Hooks. Steel shank, 4 tine 50 cts.; 5 tine 60 cts.; 6 tine 75 cts.

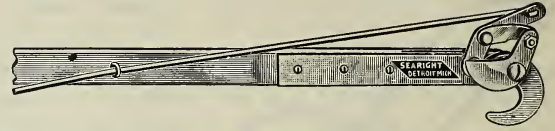
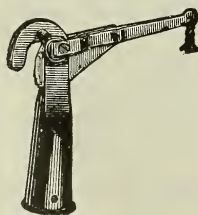
Pruner, Waters' Improved Tree

6-foot pole, \$0.85; 8-foot pole, \$1.00; 10-foot pole, \$1.15; 12-foot pole, \$1.25; 14-foot pole, \$1.35; 16-foot pole, \$1.45.

Extra Knives, each 30 cts.; per doz. \$3.00.

Telephone Pruner

Without handles.....\$1.25



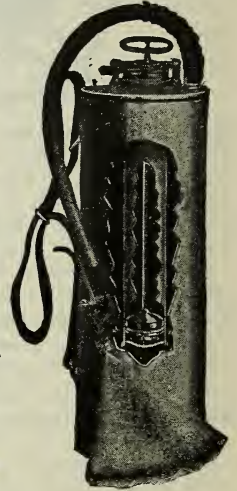
Pruner, Detroit Tree. This new pruner has some advantages possessed by no other. It makes a clean, smooth cut, does not crush the branch and is strong and durable. 10-foot pole, \$3.00; 12-foot, \$3.25; 14-foot, \$3.50.

Pump, Aquapult Hand Force.

For watering gardens, sprinkling walks and plants, and for applying liquids to destroy insects this pump is one of the best. Each \$4.50.

Pump "Auto Spray." A

self-operating sprayer, simple in construction, durable, easy to carry and to work. Made of solid brass or galvanized iron, with four-ply rubber hose. For spraying trees, shrubs, cleaning windows, etc. A perfect pump. Price with brass tank and auto-pop nozzle, \$7.20; with stopcock nozzle, \$6.75; galvanized tank and auto-pop nozzle, \$4.90; with stopcock, \$4.50. Brass elbow, 35 cts.; brass strainer, 90 cts.; brass extension pipe, 2 ft., 45 cts.



Pump Standard. A carefully constructed brass hand pump which makes a continuous spray. \$4 each.

Pump, Bordeaux. Made of brass, double-acting with malleable iron foot rest. Each \$4.

Pump, Kinney's Atomizer. For use in greenhouses to distribute liquid fertilizer or to mix or temper hot and cold water under pressure. \$1.75 each.

Pump, Johnson's Champion Force. One of the oldest on the market, and considered one of the best. Each \$4.50.

Pumps, Spray. See pages 90-92.

Putty Bulb. For glazing greenhouse sash, \$1.25 each; by mail, \$1.35.

Putty, Twemlow's Old English Glazing. A superior article for bedding glass in sash or filling cracks or seams in roof joints, etc. - 1, 2 and 3 gallons at \$1.60 per gal; 5 and 10 gallons at \$1.50 per gallon.

Raffia. The best material for tying. Soft, pliable and strong, per lb., 20 cts.

Raffia, Green. For tying plants, etc., per lb., 60 cts.

Rakes, Gibbs Lawn. All steel; reversible, strong and light. 24 teeth, 50 cts. each.

Rakes, Hay, Wood. Extra quality, three bow, 50 cts. each.

Rakes, Lawn, Wood. Three bow bent handle, with close teeth; 50 cts. each.

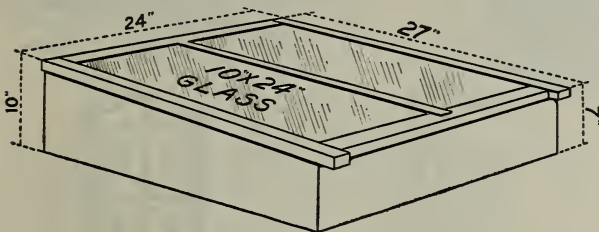
Rakes, Steel. Heavy, for road work. 14 teeth, 50 cts.; 16 teeth, 60 cts.; 18 teeth, 70 cts.

FARM, GARDEN AND LAWN REQUISITES, TOOLS, ETC., continued

Rakes, Steel Garden. Long teeth. 10 teeth, 50 cts.; 12 teeth, 55 cts.; 14 teeth, 60 cts.; 16 teeth, 65 cts.; 18 teeth, 70 cts.

Rakes, Steel Lawn. Short teeth. 10 teeth, 45 cts.; 12 teeth, 50 cts.; 14 teeth, 55 cts.; 16 teeth, 60 cts.; 18 teeth, 65 cts.

Rifle, Scythe. Best quality; each 10 cts.



Sash and Frame. For plants and seedlings. 24 inch wide, 27 inch long and 10 inch deep. Glazed with 10 x 12 glass, \$3.50 each.

Sash Hotbed. Well made from thoroughly seasoned lumber, and glazed with double thick glass. Frame 1½ inch, 3 x 6 feet, \$3.25 each.

Saws, Cross-Cut Disston's. Great American tooth, filed and set ready for use, with handles. 4½ feet, \$3; 5 feet, \$3.35; 5½ feet, \$3.75; 6 feet, \$4.20.

Saws, Cross-Cut, One Man. Great American tooth, with supplementary handles. 3 feet, \$2; 3½ feet, \$2.25; 4 feet, \$2.50.

Saws, Hand. Extra refined spring steel. 22 inch, \$1.50; 24 inch, \$1.75; 26 inch, \$2.00.

Saws, Pole Pruning. \$1.85 each.

Saws, Pruning. Single and double edge. Extra refined spring steel. 18 inch, 85 cts.; 20 inch, \$1.

Saws, Wood (Buck). No. 45, complete, with narrow, extra thin, blued, clock-spring blades. \$1.25.

Scissors, Flower. For cutting and holding flowers. 4 inch, \$1 each; 6 inch, \$1.38 each; 7 inch, \$1.65 each.

Scissors, Grape or Vine. For thinning the bunch. Nickel plated, 6 inch, \$1; 7 inch, \$1.20.

Scissors, Pruning (Rose Pruners). Nickel plated. 4 inch, 75 cts.; 5 inch, \$1; 6 inch, \$1.25.

Scoops, Furnace. Extra quality. No. 2, \$1; No. 3, \$1.20; No. 4, \$1.25; No. 5, \$1.35; No. 6, \$1.50.

Scoops, Furnace, Long Handle. \$1 to \$1.25.

Scythes, "Witherell's." Finest cutlery steel, fully warranted. \$1.25.

Scythes, Broad English or Lawn. Each \$1.40.

Scythes, "Witherell's" Solid Steel. \$1 each.

Scythes, Heavy Bush. \$1 each.

Scythes, Weed or Bramble. \$1 each.

Scythe Snaths. 75 cts. each. Bush, \$1.

Scythe Stones. Talacre. 25 cts. each.

Scythe Stones. Several different kinds. 10 cts. each.

Seed Sower, Cahoon's Broadcast. Best machine for sowing broadcast, grass seed, oats, barley, etc. \$4 each.

Sickle, Townsend's Grass and Weed. Blade 13 inches long, 2½ inch at heel. A slight curve in shank throws the handle, which is 3 feet 8 inches long, up at an angle which permits the user to stand nearly erect. Each \$1.00

Sieves, Wire. For sifting loam, gravel, etc. Strong and well made. Any size of mesh can be furnished. From 16 to 20 inches diameter; each, 75 cts. to \$1.50.

Silkline (Smilax Thread). Spools, 25 cts. each; per box of 8 spools, \$1.75.

Shears, Branch or Lopping. English. With long handles. No. 1, \$3; No. 2, \$3.50.

Shears, Lopping, Detroit. The best and strongest lopping shears made. Cuts without crushing the branch. 24 inch plain, \$1.50; 26 inch polished, \$2.25.

Shears, Grass Border. Long handle, 9-inch blade, \$2.75 each; 10 inch, \$3. Long handle wheel, 9-inch blade, \$3.25; 10 inch, \$3.50.

Shears, Grass or Sheep. 75 cts. each. Extra quality, \$1.25.

Shears, Hedge or Grass. English, pruning notch. 8-in. blade, \$1.75 each; 9 inch, \$2; 10 inch, \$2.50.

Shears, Hedge, Neverslip. The feature of these shears is the serrated edge, running the entire length of the blade. Will cut without slipping. 9 inch, \$2.50; 10 inch, \$3.

Shears, Ladies' Pruning. No. 17, fine nickel-plated; 6 inch, \$1.

Shears, Lawn. With long handle. For cutting grass under shrubs, etc. 8 inch, \$2.75; 9 inch, \$3; 10 inch, \$3.25. With wheels, 9 inch, \$3.75; 10 inch, \$4.

Shears, Levin Pruning. 50 cts. and 75 cts. each.

Shears, Pruning, French. With wheel spring, polished. 8 inch, \$1.50 each; 9 inch, \$2; 10 inch, \$2.25. Extra springs, 30 cts. each.

Shears, Twinwork Pruning. 8 inch, \$1.25; 9 inch, \$1.50; 10 inch, \$1.75. Extra springs, 25 cts. each.

Shovels, Snow. Wood. Malleable iron tip, 50 cts.

Shovels, Snow. Steel, long handle, 75 cts.

Shovels, Snow. D. handle. Steel, 75 cts.

Shovels, Superior. D. handle. Ex. quality, square, \$1.25.

Shovels, Superior. Long handle. Extra quality, \$1.25.

Shovels, Superior Steel. D. handle. Extra quality. Round pointed, \$1.

Sod Lifter. Useful for cutting under sod as it is being rolled. Wood handle, \$4.

Spades, Superior Steel. D. handle. Extra quality, \$1.25. \$12 per doz.

Spades, Superior Steel. Long handle. Extra quality, \$1.25. \$12 per doz.

Sprayer, Faultless. Makes a fine spray. Made of brass; each 75 cts.

Sprayer and Atomizer, Compressed Air. Makes a continuous fog-like spray, which can be delivered at any angle. Brass, \$2.25 each; tin, \$1.25.

Stakes, Bamboo. 6 to 8 feet, \$5 per 100; 10 to 14 feet, \$10 per 100.

Stakes, Japanese Cane. 6 feet, 20 cts. per doz.; \$1 per 100. 8 feet, 25 cts. per doz.; \$1.25 per 100.

Stakes, Southern Cane. 7 to 9 feet, \$1.25 per 100.

Stakes, Japanese Cane. Painted green. Small and inconspicuous, but strong and useful for plants.

In.	Doz.	100	1000	In.	Doz.	100	1000
12	\$0.05	\$0.40	\$3.00	36	\$0.15	\$0.75	\$7.00
18	.10	.50	3.50	42	.15	.90	8.00
24	.10	.60	5.00	48	.15	1.00	9.00

FARM, GARDEN AND LAWN REQUISITES, TOOLS, ETC., continued

Stakes, Wire Rose. 3 ft., \$1.25 per 100; 4 ft., \$1.50 per 100; 5 ft., \$1.75 per 100; 6 ft., \$2 per 100.

Stakes, Garden, Painted Green. For house, greenhouse and conservatory.

Light Round Stakes					
Feet	Doz.	100	Feet	Doz.	100
1½	\$0.20	\$1.20	3½	\$0.80	\$5.90
2	.35	2.30	4	1.00	7.20
2½	.50	3.50	5	1.20	8.50
3	.65	4.70			

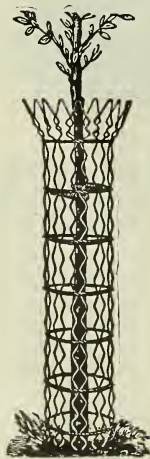
Heavy Round Stakes					
Feet	Doz.	100	Feet	Doz.	100
3	\$1.00	\$7.00	5	\$1.75	\$12.00
4	1.35	9.70	6	2.00	14.00

Square Stakes					
Feet	Doz.	100	Feet	Doz.	100
1½	\$0.15	\$1.12	4	\$0.80	\$5.50
2	.24	1.75	5	1.10	7.50
2½	.40	2.50	6	1.35	9.50
3	.60	4.00	Ex. heavy 6	2.00	15.00
3½	.75	4.75			

Stakes, Square, Unpainted. Hardwood.

	100	1000
27 inches long.....	\$0.30	\$2.50
36 inches long.....	.40	3.50
48 inches long.....	.50	4.50

Sticks, Match. Pine, plain, 5-32 in. thick, 20 cts. per 100; \$1.50 per 1000. Green, 25 cts. per 100; \$1.75 per 1000.



Tape Lines, Steel. 100 feet, \$3.50 each.

Tape Lines, Steel. Pocket size, 8 feet, \$1.25.

Tarred Yarn. (Lathyrus). Excellent for tying shrubs, etc., 16 cts. per lb., coils of 25 lbs., 13 cts. per lb.

Thermometers, Self-Registering. Oxidized metal scale. 8 in., \$3.50; 9 in., \$4.00.

Thermometers, Wilder's. Japanned tin case, convex scale. 6 in., 40 cts.; 8 in., 50 cts.; 10 in., 65 cts.; 12 in., 75 cts.

Thermometers, Wilder's. Japanned tin case, heavy. 8 in., 75 cts.; 10 in., \$1.00; 12 in., \$1.25.

Thermometers, Wilder's Hotbed. Boxwood, brass-tipped; \$2.00 each.

Tree Scrapers. 50 and 75 cts. ea.

Tinfoil. For bouquets, etc. 15 cts. per lb.; violet foil, 60 cts. per lb.

Tree Guards. Made of heavy galvanized wire pickets, held together by twisted cables; each \$2.

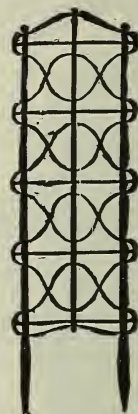
Trellis, Tomato. Two hoop; 10 cts. each. \$1 per doz.

Trellis, Tomato. Made in the usual form, of seasoned hard wood, with four smooth-planed posts and turned rods. 20 cts. each, \$1.75 per doz.

Trellis, Tomato, Handy Vine. Made of Wood and Wire. 20 cts. each, \$2 per doz.

Trellis, Wire Arch. Painted green, 3-8-in. rods, 7 ft. high, 1 ft. wide, 4 ft. spread, \$6 each. Other sizes made to order.

	Each	Doz.
Trellis, Fan.		
1½ feet high.....	\$0.10	\$1.00
2 feet high.....	.15	1.50
2½ feet high.....	.20	2.00
3 feet high.....	.45	4.50
3½ feet high.....	.50	5.50
4 feet high.....	.60	6.50
5 feet high.....	.80	9.00
6 feet high.....	.90	10.00
7 feet high.....	1.10	12.00
8 feet high.....	1.20	13.00



Trellis, Veranda. A substantial and ornamental trellis. We carry the following sizes in stock, but can furnish others to order.

	Each	Doz.
5 feet high, 18 inches wide.....	\$1.00	\$11.00
6 feet high, 18 inches wide.....	1.15	13.00
7 feet high, 18 inches wide.....	1.25	15.00
8 feet high, 18 inches wide.....	1.65	18.00
9 feet high, 20 inches wide.....	1.85	21.00
10 feet high, 20 inches wide.....	2.15	24.00
11 feet high, 24 inches wide.....	2.40	27.00
12 feet high, 24 inches wide.....	2.65	30.00
No. 6½ 6 feet high, 28 inches wide....	1.85	21.00
No. 8½ 8 feet high, 28 inches wide....	2.65	30.00
No. 10½ 10 feet high, 31 inches wide....	3.25	38.00
No. 12½ 12 feet high, 36 inches wide....	4.00	45.00

Trowels, Flat Steel. Best steel, carefully tempered. 6 in., 75 cts. each; 7 in., 85 cts.

Trowels, Garden. Extra forged steel. Solid steel blade and shank. 6 in., 50 cts.; 7 in., 60 cts.

Trowels, Garden. Cold rolled steel. 6 in., 15 cts.; 7 in., 20 cts.

Trowels, Keen Kutter. Made of best steel. 75 cts. each, \$7.50 per doz.

Trowels, Ladies'. Narrow blade, very light; 12 cts. each.

Trowels, Triangle. 6 in. and 7 in., 20 cts. each.

Twine, Green Linen. For smilax; 25 cts. per ball, \$2.50 per doz.

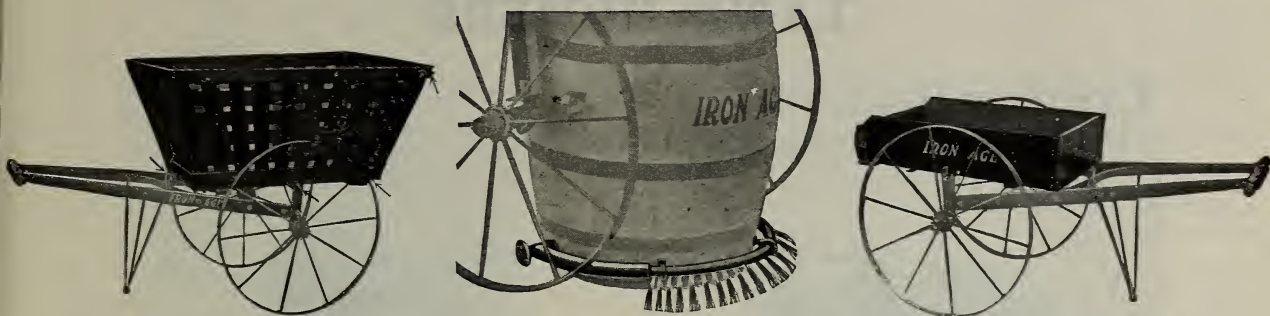
Twine, Green Cotton. Per ball, 20 cts., per doz., \$2.00.

Twine, Soft. For tying, very strong; 20 cts. per ball, \$2.00 per doz.

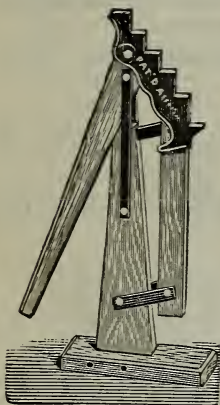
Twine, Tarred Marline. Twisted. In 5-lb. and 10-lb. balls. Each 25 cts. per lb.

Twine, White Cotton. 15 cts. per ball, \$1.60 per doz.

Twine, Yacht Marline. In pound balls, 50 cts. each.



Truck with Leaf Rack, Hand Cart and Water Barrel, Adjustable. An extremely useful combination. Truck and Leaf Rack with 2½-in. tires, \$11.75; 3½-in. tires, \$12.75.
Truck and Water Barrel with 2½-in. tires, \$10.25; 3½-in. tires, \$11.00.
Truck and Hand Cart Box with 2½-in. tires, \$10.50; 3½-in. tires, \$11.25.
Extra barrels with trunnions, \$3; extra trunnions, 50 cts. a pair.
Leaf Rack only, \$5.50; Hand Cart Box only, \$3.25.
Sprinkler attachment for barrel, \$3.50.



Wagon Jack, Prescott, I X L.
The best Jack made. No. 1 for light carriages, \$2.25; No. 2 for light wagons, \$2.75; No. 3 for heavy wagons, \$4.50.

Weed Grubbers. English, \$1.50 each.

Weeders, Noyes'. Where hand weeding is required this is one of the best. 25 cts each, by mail 30 cts.

Weeders, Quas'. These consist of a piece of steel ½-in. wide with one edge saw-toothed and made in three shapes as shown by illustration. No. 1 triangle, No. 2 square, No. 3 loop; 25 cts. ea., by mail 30 cts.

Weeder, Eureka. 40 cts. each. Not mailable.

Weeder, Excelsior. 15 cts each, by mail 20 cts.

Weeder, Hazeltine. Steel blade, with wooden handle. 30 cts each, by mail 40 cts.

Wedges, Steel Splitting. Square head, solid cast steel. Per lb. 7 cts.

Wedges. Truckee pattern, solid cast steel. Per lb. 10 cts.

Whiffletrees. Selected ash. Each 60 cts.

Wire. Annealed galvanized. Nos. 16, 18, and 20, in coils of 12 lbs., \$1.00 each.

Watering Pots. Made extra-strong of double thick tin, carefully braced and painted. 4-qt., 75 cts. each; 6-qt., 87 cts.; 8-qt., \$1; 10-qt., \$1.25; 12-qt., \$1.50; 16-qt., \$1.75.

Watering Pots, Galvanized Iron. The best watering pot made, for strength, durability and neatness. Made from best quality iron; the top and back handles riveted on; an iron band on the bottom; the spout riveted, and a brace around it riveted to the body, and galvanized after it is made. A coarse and fine copper-faced rose with each pot. Each

6 quarts, spout 21 inches long.....	\$1.75
8 quarts, spout 23 inches long.....	2.00
10 quarts, spout 25 inches long.....	2.25
12 quarts, spout 25 inches long.....	2.75

Watering Pots. With long spouts, tin. 2-qt., 50 cts. each; 3-qt., 60 cts.; 4-qt., 65 cts.

Watering Pots, French. Made of galvanized iron; oval in shape, with brass handle and long spout; one fine and one coarse copper-faced rose with each. 6-qt., \$2.25; 8-qt., \$2.50; 10-qt., \$2.75.

Watering Pots, English. An ideal pot for watering seedlings, cuttings, etc. No. 1, 2-qt., \$2.25; No. 2, 4-qt., \$2.75; No. 3, 6-qt., \$3.25; No. 4, 8-qt., \$3.50; No. 5, 10-qt., \$3.75.



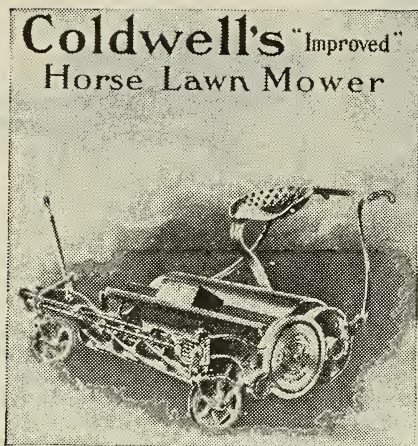
WE ARE NEW ENGLAND HEADQUARTERS FOR THE SYRACUSE CHILLED PLOW COMPANY

AND CARRY IN STOCK A FULL LINE OF

Plows, Harrows, Cultivators, Drag Scrapers, Wheel Scrapers, Steel
Wheelbarrows, Canal Barrows and Hand Push Carts

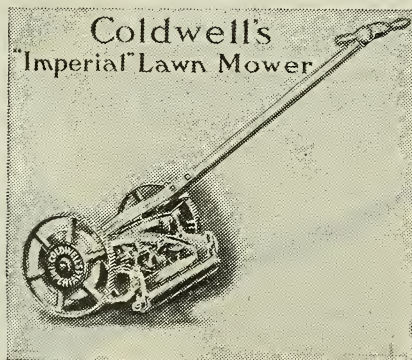
Also, A Full Line of Repairs in Stock

LAWN MOWERS



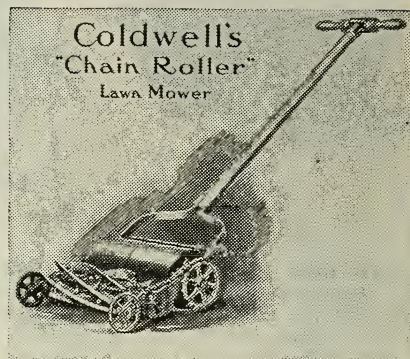
"Coldwell" Improved Horse Lawn Mower. They are furnished with shafts, seat and side draft attachment, which keeps the horse on the cut grass only. Each mower warranted to give complete satisfaction. The new attachment for instantly raising the knives when travelling along roads and stony places is very convenient.

25 in.	With whiffletree; no seat or shafts.....	\$45.00
30 in.	Complete with seat and shafts.....	75.00
35 in.	Complete with seat and shafts.....	90.00
40 in.	Complete with seat and shafts.....	115.00



Coldwell's Imperial Lawn Mowers. The best lawn mowers in the market. The principal feature of these machines is that the bottom knife-bar is bolted to the sides, thus making the frame perfectly rigid, while by a new patent hanger the revolving cutter is adjusted to the bottom knife. This is the reverse of the adjustment in all other mowers. When the knives are properly adjusted a lock screw secures them in position.

	Mfr's Price	Net Cash Price
14 in.	\$20.00	\$8.50
16 in.	22.00	9.50
18 in.	24.00	10.50
20 in.	26.00	11.50



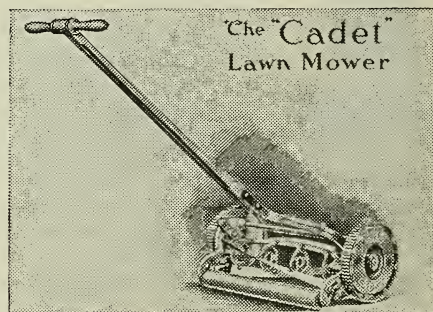
Coldwell's Roller Mowers for Putting Greens and Borders.

In addition to the usefulness of these mowers for regular lawn work, they will cut perfectly grass borders even though they are the narrow strips of sod between flower beds and walks. Strictly high grade machines. We offer the Chain Roller Mowers and the Geared Roller Mowers each at the same prices:

14 in.	4 blades	\$11.75.	6 blades,	\$12.50.
16 "	4 "	13.00.	6 "	13.50.
18 "	4 "	14.50.	6 "	15.00.

Grass Catchers 14 in., \$1.85; 16 in., \$2.00; 18 in., \$2.15 extra.

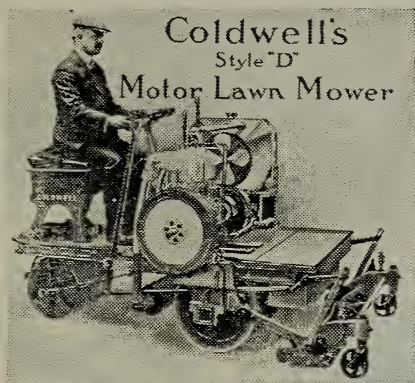
Grass Catchers for Imperial Mowers. 12 in., \$1.70; 14 in., \$1.85; 16 in., \$2.00; 18 in., \$2.15; 20 in., \$2.30.



The "Cadet." This is a good lawn mower to sell at a medium low price, and give the purchaser full value for his money. It has brass bushings and the same ratchets and adjustments that are used on many of the high-grade mowers. The gears are fine cut, and it is in every respect what is needed at the present time, viz., a mower that will do good service and at a cost but little higher than the poor trash that is put out so freely. 14 in., 16 in., price each \$3.50.

Lawn Mower Repairing

We make a specialty of repairing lawn mowers, and, as we carry a complete stock of repairs for all leading machines, we are enabled to ship promptly and guarantee every machine we repair to work in a satisfactory manner.



Style "D" Motor Lawn Mower. Coldwell's Style "D" Motor Lawn Mower is equipped with the latest model automobile motor. These motors are 12 H. P., of the vertical, 4-cycle type, furnished with the most up-to-date oiling system, two independent systems of ignition (Bosch Magneto and dry batteries), Schebler carburetor, etc. It is also equipped with Coldwell's patent non-slip rollers, which, being fitted with compensating gears, permit the machine to turn completely around in an eight-foot circle.

The motor used on this mower is powerful enough to maintain the proper cutting speed up 25 per cent grades,

and it thus dispenses with complicated change speed mechanisms. Should a lower speed be desired it can be accomplished by throttling the motor, thus saving fuel.

The gears and sprockets are cut from the finest steel, the chains used are such as are found on all the best chain-driven cars and are far better adapted for use on a slow-moving vehicle of any kind than gears, being more cheaply and quickly repaired.

The cutting frame floats absolutely independent from the traction roller frame, which prevents the knives from being forced into the ground by the weight of the traction part.

Style "D" 2 cylinders—4 cycle. Specifications: Width of cut, 40 inches; length over all, 8 feet; width over all, 5 feet; height over all, 4 feet 7 inches; weight, 2000 pounds; diameter drive rollers, 21 inches; power of engine, 12 horse-power; amount of gasoline required per hour, $\frac{1}{2}$ to 1 gallon; hill-climbing ability, 25 per cent grades; cutting capacity, 1 to $1\frac{1}{2}$ acres per hour. Price, \$1300. f. o. b. Newburgh, N. Y.

ESSEX LAWN MOWER. BALL BEARING.

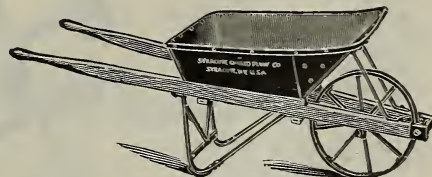
We submit this mower as the highest type of a double gear grass cutting machine. The eleven-inch drive wheels make it the easiest running mower in the world. It is made with a reel or wiper of over six inches in diameter (four blades) which enables the user to cut much higher grass than can be cut by the ordinary mower. Prices: 16 in. \$9.50, 18 in. \$10.50, 20 in. \$11.50.

FARM AND GARDEN TOOLS AND IMPLEMENTS

BARROW, SYRACUSE "PERFECT"

For conveying concrete, mortar, sand, gravel, cement, fertilizer, manure, etc.

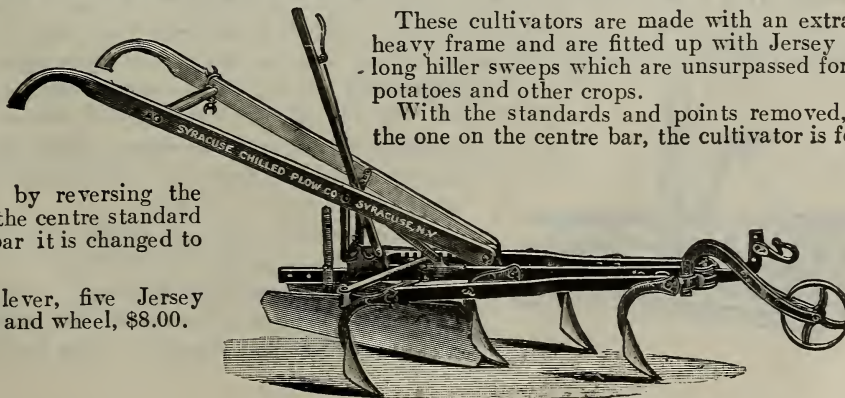
The Syracuse is an end dumping barrow; has protected wheel and renewable shoes on legs; is provided with cross bar between legs for plank riding; carries load level and well over wheel; has an extra strong strapped tray, smooth on inside, and many other good points. Price, \$5.00 each.



CULTIVATORS, SYRACUSE STEEL FRAME.

We would call particular attention to our superior form of construction, by which the cultivator may be varied from the narrowest to its widest position with one motion and with no change of bolts, and when closed up does not get on dead centre or become difficult to open.

No. 33. Expanding lever. Five 3-in. points, wing points, shovel points and stationary wheel, \$7.50.



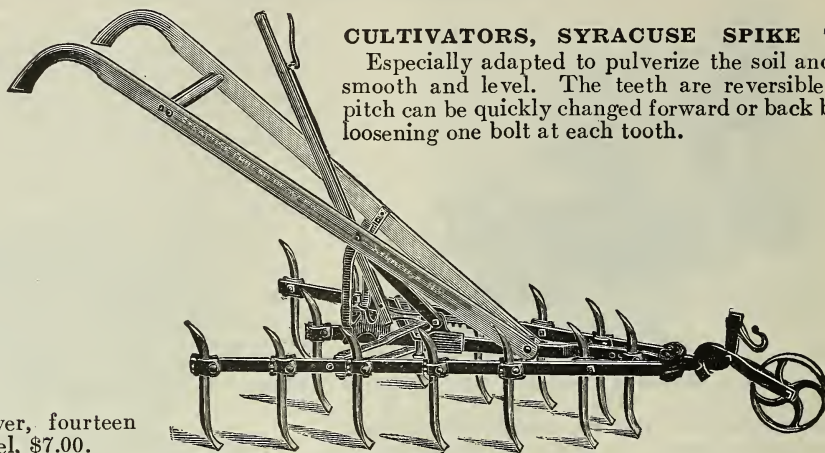
These cultivators are made with an extra long and heavy frame and are fitted up with Jersey points and long hiller sweeps which are unsurpassed for hilling-up potatoes and other crops.

With the standards and points removed, excepting the one on the centre bar, the cultivator is formed into

a furrowing plow; or by reversing the sweeps and fastening the centre standard at the rear end of the bar it is changed to a coverer.

No. 101. Expanding lever, five Jersey points, hiller sweeps and wheel, \$8.00.

FARM AND GARDEN TOOLS AND IMPLEMENTS, continued

**CULTIVATORS, SYRACUSE SPIKE TOOTH.**

Especially adapted to pulverize the soil and leave it smooth and level. The teeth are reversible and the pitch can be quickly changed forward or back by simply loosening one bolt at each tooth.

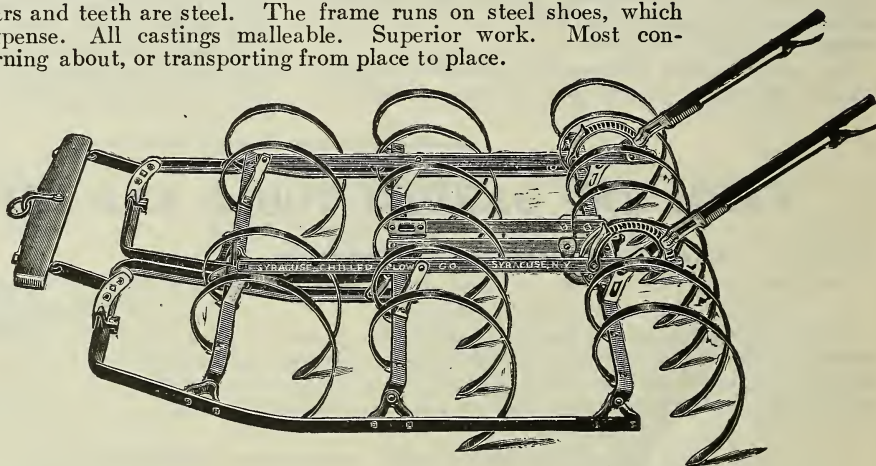
No. 114. Expanding lever, fourteen spike teeth and wheel, \$7.00.

HARROWS, SYRACUSE SPRING TOOTH, WITH LEVERS.

Frame, tooth-bearing bars and teeth are steel. The frame runs on steel shoes, which can be renewed at small expense. All castings malleable. Superior work. Most convenient for cleaning and turning about, or transporting from place to place.

Price

- 15 tooth, two horse, with plain teeth; weight, 236 lbs... \$18.00
- 15 tooth, two horse, with wheel; weight, 247 lbs..... 20.00
- 17 tooth, two or three horse, with plain teeth; weight, 273 lbs..... 20.00
- 17 tooth, two or three horse, with wheel; weight, 286 lbs.... 21.00

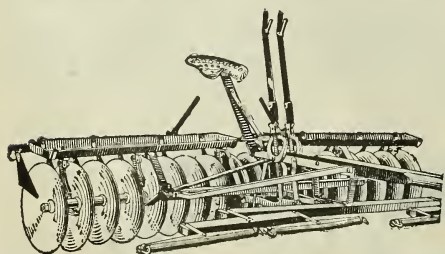
**HARROW, DEERING ALL STEEL-FRAME DISK.**

For crushing clods, pulverizing hard-baked clay land, or cutting up sod ground, no harrow rivals the Deering.

The Deering Disk Harrow is made with a much stronger frame than the ordinary type of disk harrow, being made of a heavy angle steel cross bar, to which draft links are fastened. The tongue braces are solidly riveted to the cross bar and the casting under the tongue, taking all torsional strain off the tongue. The draft links are exceptionally strong and are bent upwards so that the frame is high from the ground, raising the ends of the set lever bar high enough so trash does not catch on them. The scrapers are all of the paddle type and can be locked on or off the disks by means of levers convenient to the feet of the driver.

Price complete with pole \$26.00. For fore carriage \$5.00 additional. For transportation truck \$5.00.

Deering Cutaway Disk Harrow. The Deering cutaway harrow has the same features as the regular disk harrow. The difference is in the cutaway disks and scrapers. Price for 16-inch disk, \$28.00.



THOMAS J. GREY CO.'S SEED CATALOGUE

FARM AND GARDEN TOOLS AND IMPLEMENTS, continued

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PLOWS, SYRACUSE

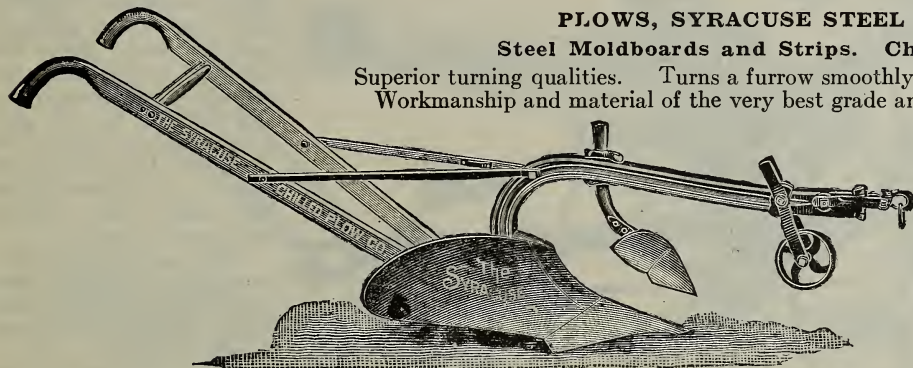
No. 5 Vineyard and Garden Plows. Chilled wearing parts. The most popular plows in use in vineyards and hop yards. Horse can walk in the furrow or on the land. Handles can be adjusted sideways or up and down.

	Price		Price
Iron beam, one-horse plow, plain.....	\$6.50	Iron beam, one-horse, with wheel.....	\$7.50
No. 50. Very light, one-horse. Wood beam, plain. Especially adapted to light soils. Strong turning qualities. Sloping landsides. Chilled wearing parts.....			Price \$6.00
No. 52. Medium one-horse. Wood beam, plain.....			8.00

PLOWS, SYRACUSE STEEL BEAM

Steel Moldboards and Strips. Chilled Points.

Superior turning qualities. Turns a furrow smoothly up or down on sloping land. Workmanship and material of the very best grade and quality obtainable.

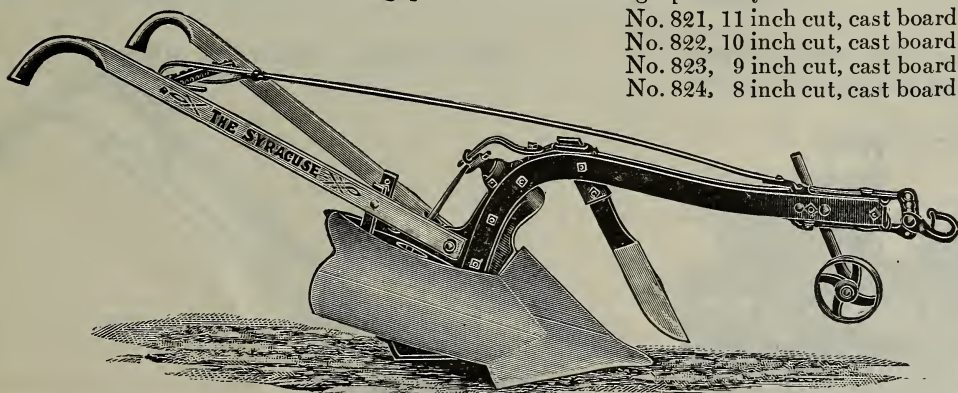


No. 31. Large two-horse, common steel moldboard with wheel and jointer, or cutter.
Price.....\$16.00

No. 32. Medium two-horse, common steel moldboard, with wheel and jointer, or cutter.
Price.....\$15.00

PLOWS, NEW STEEL TRUSS BEAM SYRACUSE HILLSIDE.

Our latest series of five plows. In this series is incorporated the experience gained by 50 years of plow building. We call attention to their light weight, large throat capacity, absence of open joints to catch trash, steel truss beam, and cast wearing parts that interchange perfectly.



No. 821, 11 inch cut, cast board.....	\$16.00
No. 822, 10 inch cut, cast board.....	15.50
No. 823, 9 inch cut, cast board only.....	13.00
No. 824, 8 inch cut, cast board.....	8 50

Nos. 821 and 822 furnished with either jointer or colter, as ordered.

Nos. 824 and 825 furnished with sliding clevis when desired.

PLOWS, SYRACUSE CONTRACTORS'. We carry a good line of these strongly built well made plows, suitable for heavy work. Prices range from \$15.00 to \$35.00.

PLOWS, HUSSEY HARD METAL

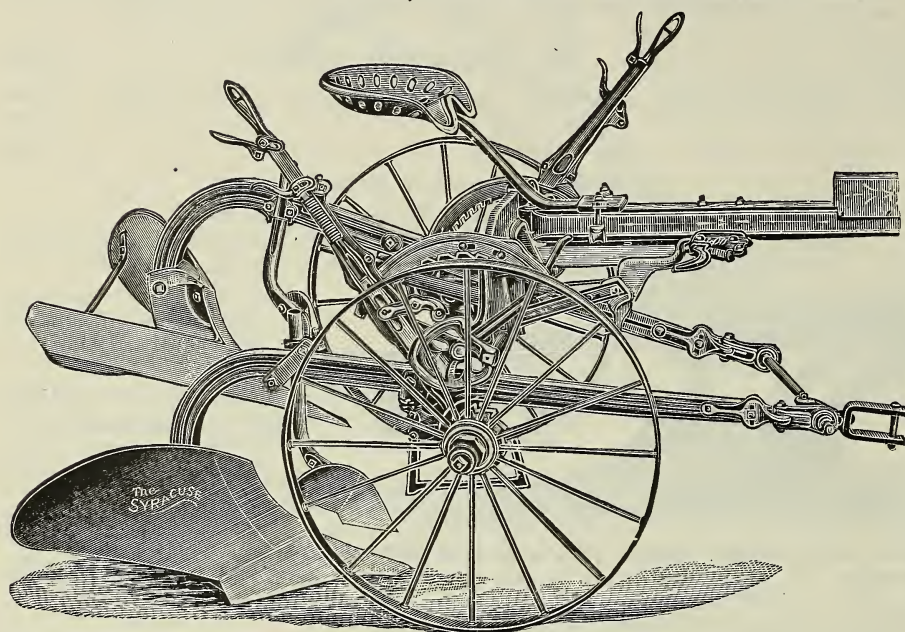
Superior workmanship, strength, durability, lightness of draft, thoroughness of work, scouring capacity in every kind of soil, steadiness in the ground, and facility of adaptation to all kinds of work, are the qualities possessed by the Hussey Plows which have made them such favorites among farmers and dealers.

Among the recent improvements added to our plows, we might mention that we are using a solid steel cutter, and steel truck straps. We have lengthened the iron strap under the beam so that it now extends from the standard to the clevis.

	Price		Price
No. 100. One-horse. Furrow 5 to 6 in. deep, 10 in. wide.....	\$ 9.00	No. 103. Light Sward Furrow 6 to 8 in. deep, 15 in. wide.....	\$13.00
No. 102. Light two-horse. Furrow 5 to 7 in. deep, 12 in. wide.....	11.00	No. 104. Medium Sward. Furrow 8 in. deep, 16 in. wide.....	14.00

FARM AND GARDEN TOOLS AND IMPLEMENTS, continued

PLOW, SYRACUSE REVERSIBLE SULKY.



Steel Moldboards and Strips.

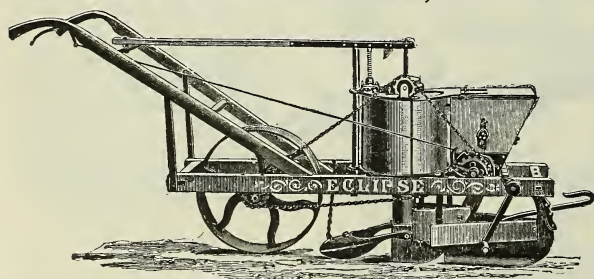
Chilled or Steel Points.

Does perfect work on hillside or level land. No ridges or dead furrows. Light and strong. Simple and practical. Power lift for raising the plows. An adjustable pole regulates the width of furrow, also avoids all side strain on the team. Lighter in draft than a hand plow doing the same work. (Send for special circular.)

With each sulky is furnished two extra cast points, a screw wrench, neck yoke and two horse whiffletrees.

If it is desired to use three horses on the above sulky, attachments can be furnished when ordered. Price on application.

CORN PLANTER AND FERTILIZER DISTRIBUTOR COMBINED, ECLIPSE.



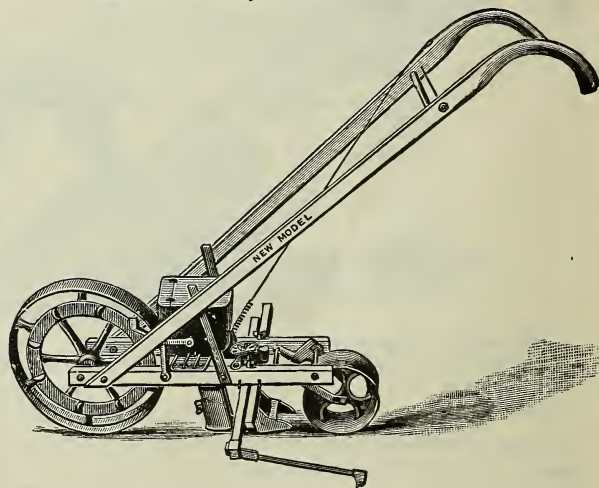
For planting field or ensilage corn, beans, peas or beet seeds, in hills or drills with check. Will accurately distribute all commercial fertilizer, wet as well as dry, pulverized hen manure, plaster, ashes and other fertilizers of like consistency, with a certainty. Has concave places each side of plow, which are of great importance in placing moist earth on the seed, just before the fertilizer is dropped each side of seed. A great advantage in a dry season. Price. \$20.00.

REPAIRS.

We carry a full line of repairs for all leading plows, cultivators, harrows, mowing machines, rakes, tedders, etc.

We have greatly enlarged our repairing department, and with skilled mechanics, who have had many years' experience at this work, we are now placed in the best possible position for repairing of farm and garden tools and implements. We devote special attention to this feature of our business, and can do first-class work at reasonable prices.

SEED DRILL, THE NEW MODEL.

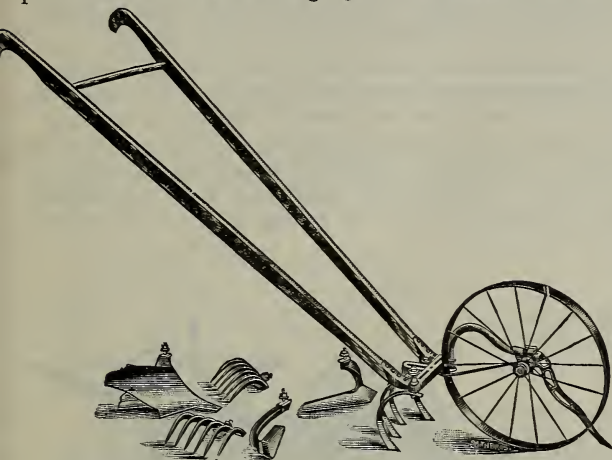


This we consider the simplest and best drill on the market. The diamond-shaped adjustable hole regulates the discharge, and can be made larger or smaller as occasion requires. No other drill has this advantage. The seed cut-off claps up underneath the hole; it does not slide under the same, as in other similar drills; on this account it does not clog nor cut the seed. It has a broad wheel and a covering roller. The opening plow is adjustable in depth. The whole make-up of the drill is simple. It can be worked by any one. Price, \$8.00.

FARM AND GARDEN TOOLS AND IMPLEMENTS, continued

CULTIVATOR, THE "IRON AGE" SINGLE WHEEL HOE, CULTIVATOR, PLOW AND RAKE.

For general work there are no hand tools made to compare with the "Iron Age." They do the work. The tools are built of the best possible material and the prices are as low as such high-grade stock will admit of.



This tool is, in regard to the work done, almost a counterpart of the double wheel hoe, and the same remarks as to its construction, extreme lightness, and ease of operation will apply with equal force. In addition, its lower price, less weight, and increased steadiness given by a single wheel make strong arguments in favor of this tool. For the small kitchen garden we consider the single wheel hoe very valuable. The work is done principally between the rows, although the plants of small growth can be hoed on both sides at once by placing the wheel on the left side. With this single wheel tool, spaces of exceedingly narrow width can be worked, even using but one cultivator tooth. With the large plow attachment, deep furrows can be opened or closed; potatoes, celery, and other crops hilled; in short, all such work usually accomplished by a special plow. Packed weight, 28 pounds. Price, \$5.25.

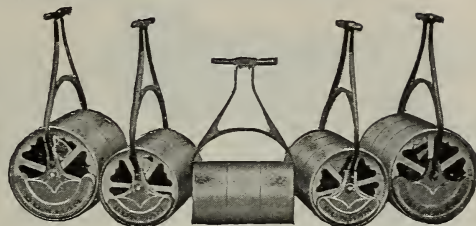
We also have a weeder attachment for this tool similar to those used on the double wheel hoe, a capital thing. Price, \$1.00.

FERTILIZER SOWER, THE STEVENS' HAND



Does the work perfectly, sowing all kinds of lawn dressing and other commercial fertilizers, wood ashes, lime, etc., in large or very small quantities. It can also be successfully used for fertilizing strawberry beds, and other garden or field work; is excellent for sifting wood or coal ashes, sawdust, or dry sand on icy walks; will also sow damp sand by removing two blades.

The hopper is 34 inches long and holds one and one-half bushels. Weight of machine, 83 pounds. It is well made and nicely painted. Price, \$14.00.



GARDEN AND LAWN ROLLERS.

The proper use of a roller will make all the difference between a commonplace lawn and one of rare, velvety beauty.

The Dunham Roller Bearing Lawn Rollers are infinitely superior to other rollers. They tower above all others in efficiency, being 44% lighter running than any other roller on the market by actual tests. With a Dunham a boy can do the work that requires a man's strength with other rollers of the same weight.

This roller is made in many sizes and weights, for hand power and horse power, from 115 pounds to 12,000 pounds.

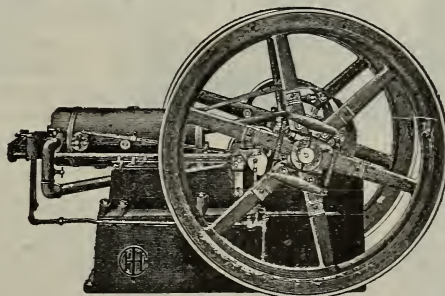
PRICE LIST OF STANDARD SIZES.

No.	Diameter Inches	Length Inches	Sections	Weight Pounds	Price
401	15	16	2	150	\$ 9.50
402	15	24	3	200	12.50
403	20	16	2	225	14.00
404	20	20	2	250	15.50
406	20	24	3	300	18.50
407	20	24	2	300	18.50
408	20	30	3	350	21.50

Dunham One Section "Water-Weight" Rollers, with counter-balancing handle weights.

No.	Dia. In.	L'gth In.	Wt. Empty	Filled with Water	Filled with Sand	Price
HW2	14	20	120 lbs.	260 lbs.	360 lbs.	\$11.50
HW4	18	24	135	360	560	14.50

With other similar rollers it is necessary to stand roller on end when filling, but not so with the Dunham. The seams are electric welded, not riveted.

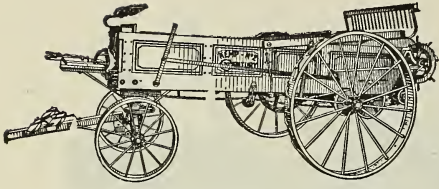


GASOLINE ENGINES. The I.H.C. Horizontal. 4, 6, 8, 10, 12, 15, 20 and 25 Horse Power.

This is a strong, simple and reliable engine, adaptable to many uses on the farm and in the shop and mill. It is successfully used for threshing, filling silos, grinding feed, sawing, pumping, irrigating, operating grain elevators, grist and feed mills, hoisting plants, pumping stations and for all power purposes to which an engine of this size is adapted. It is never necessary to have an open flame near this engine, and therefore permission may be obtained to use it in an insured building. Although equipped for using gasoline, with slight alterations, natural or artificial gas, alcohol or kerosene may be used. Prices on application.

THOMAS J. GREY CO.'S SEED CATALOGUE

FARM AND GARDEN TOOLS AND IMPLEMENTS, continued.



MANURE SPREADER, CORN KING.

By using a manure spreader time is saved and manure is made to produce better results. Ten or fifteen loads of manure spread per acre with a machine produce better results than 20 to 30 loads spread by hand, for the reason that the manure is spread evenly, covering every inch of ground, making every ounce count, whereas when spread with a fork it is often done unevenly, many places receiving too much and others not any.

No. 1. The smallest size. This is designed for use in truck gardens, vineyards and in places where the ordinary size spreader could not be used to advantage. It can be used to advantage on soft or uneven ground, and is equipped with a two-horse hitch. Will spread 35 to 40 bushels. Price, \$110.00, and \$5.00 additional for setting up.

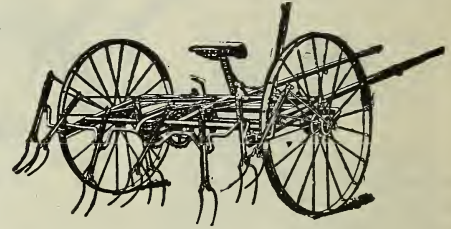
No. 2. This machine is especially designed for use on small tracts and for truck gardeners who desire a spreader that will do as efficient work as the larger machine, and yet draw much lighter. With this machine manure can be spread thick or thin, and can be equipped with lime hood or drilling attachment for distributing lime or spreading manure in rows. Will spread 45 to 50 bushels. Price, \$120.00, and \$5.00 additional for setting up. Send for descriptive circular.

HAY TEDDER, DEERING.

Every farmer can secure a first-class quality of hay if he uses a Deering hay tedder. Tedded hay brings higher prices in the market, for the reason that it is cured in the correct way, and therefore makes a better dry feed for the cattle and horses.

The main frame is made from one single piece of heavy angle steel, to which a cross sill of tubular steel and a center cross bar of heavy angle steel have been riveted. The thill frame is also made of one piece of angle steel. Rivets are used instead of bolts and nuts which are often a source of trouble. This construction gives the tedder an unusual stability, and enables the machine to successfully withstand the severe strains to which it is constantly subjected while in operation.

The steel forks on the Deering tedder are of a fine quality of spring steel. They operate very smoothly. When the forks on the Deering tedder come in contact with obstructions, breakage is prevented by long, flexible springs which permit the fork to be pushed back. When the obstruction has been passed the fork returns automatically into the regular tedding position. Only the best quality of oil-tempered spring steel is used in the construction of the forks.



HAY RAKE, THE DEERING IDEAL.

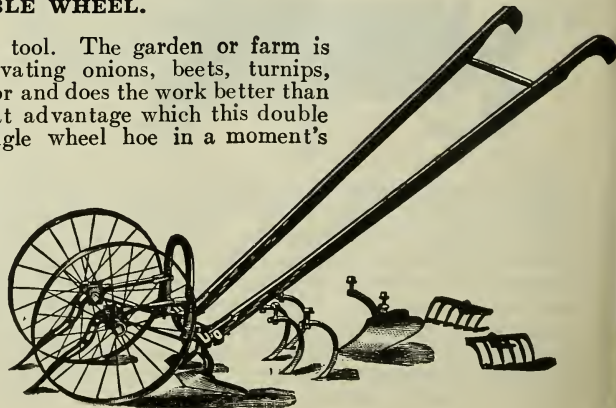
A rake must be strong, simple and durable to make it valuable. The Ideal Rake is noted for those qualities. They are constructed of the best steel. The angular steel parts are hot riveted instead of bolted, which renders it less liable to get out of repair. The wheels are interchangeable, and are the strongest ever put on a rake. The teeth are made of the finest oil-tempered spring steel. Operator may adjust the rake to regulate the height of the teeth and the time of their return to the ground. Combined pole and thills are furnished with every rake. Price on application.



HOE, THE "IRON AGE" DOUBLE WHEEL.

At a glance one can see the great usefulness of this tool. The garden or farm is incomplete without at least one of them. In cultivating onions, beets, turnips, radishes, etc., it is invaluable; saves hours of hard labor and does the work better than several men could do it in the same time. One great advantage which this double wheel hoe possesses is that it can be made into a single wheel hoe in a moment's time. An axle is sent with every double wheel hoe for this purpose. The wheels are sixteen inches high, enabling the wheel hoe to run easy and without yielding to the depressions of the soil, as a low wheel will do. The frame being made of tubing coupled to malleable castings gives great strength, together with lightness. All the tools shown in the cut go with the machine for the price, \$7.00.

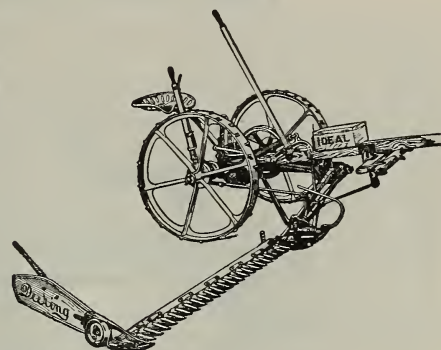
In order to accommodate those who have only use for the wheel hoe for hoeing, we offer the machine described above, with hoes only, at \$4.25.



FARM AND GARDEN TOOLS AND IMPLEMENTS, continued.

MOWER, THE DEERING IDEAL.

Weight properly distributed is absolutely essential in mowers to insure machines that will do satisfactory work under all conditions. The working parts of the Ideal Mower are made of the best steel, malleable and wrought iron. The pitman is long and strong, made of well-seasoned, second-growth hickory. The wheels are high and powerful, are connected by a heavy steel axle. The frame is staunch and wide, striding the cut grass, so that the wheels travel in a clear track. Deering roller and ball bearings make the Ideal Mower so light in draft that it is a worthy example of the well-known Ideal line of machines. Ideal Mowers have a perfectly floated cutter-bar; a coil spring not only assists the operator in raising the cutter-bar but takes just enough of the weight of the cutter-bar off the ground to permit the bar to float with perfect ease and freedom. Price on application.



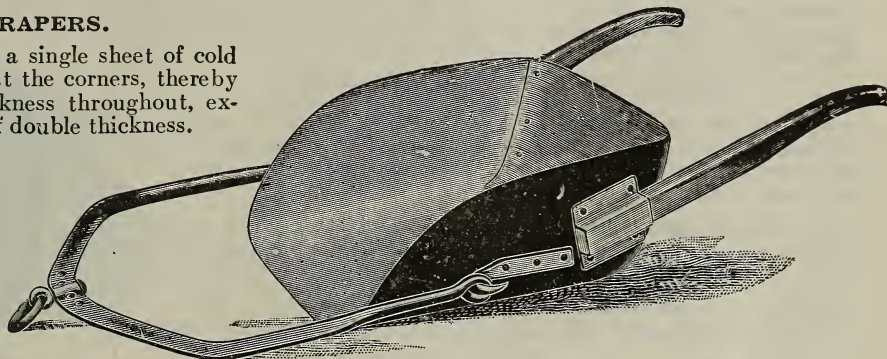
MOWER, DEERING ONE-HORSE.

This gives entire satisfaction on farms, salt meadows and orchards. Many of the parks use it. Like the Ideal it is fitted with ball bearing rollers, long wooden pitman, forged steel couplings, a positive and direct stroke. Its action perfectly free, which makes it the most durable, easy of handling and lightest draft mower made. Cuts $3\frac{1}{2}$ and 4 feet. The foot lift cannot be surpassed. The Deering Mower knives and section are made from a special grade of steel. They are stamped with the name DEERING, a satisfactory guarantee. Price on application.

STEEL DRAG SCRAPERS.

Our scrapers are shaped from a single sheet of cold steel, being lapped and riveted at the corners, thereby rendering them uniform in thickness throughout, except at corners, where they are of double thickness.

- No. 3—Capacity, 3 cubic feet of earth; weight, 85 lbs..... \$7.00
 No. 2—Capacity, 5 cubic feet of earth; weight, 95 lbs..... 7.50
 No. 1—Capacity, 7 cubic feet of earth; extra heavy steel plates; weight, 105 lbs..... 8.00



STONE BOATS AND HEADS.

Strongly bolted, heavy wood work; total length 7 ft., width 29 and 33 inches. This boat has a cast head. The wood part is made from rock maple and the whole thing is thoroughly well bolted making the very best pattern of stone boat in the market. The heads are sent out without bolts unless ordered. Prices: Stone Boats, 29 in. \$7.00; 33 in. \$8.50; Stone Boat Heads, 29 in. \$3.50; 33 in. \$4.00.

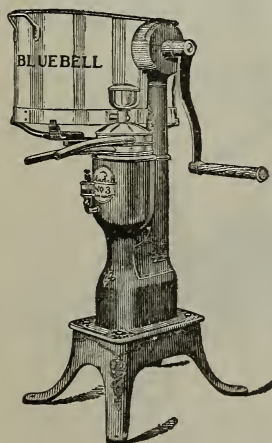
CREAM SEPARATOR, BLUEBELL.

No separator was ever placed on the market with as high a standard of excellence to live up to as the Bluebell Cream Separator. The I. H. C. seal is placed on a machine only after the most skilled workmen in the world have devoted their best efforts to make it absolutely perfect in every detail.

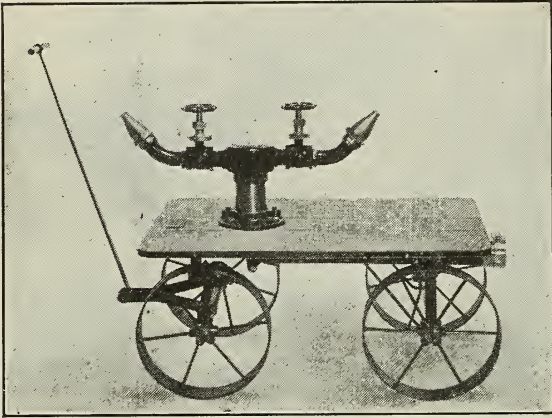
The Bluebell is a comparatively new separator and its designers have assembled in one machine all the strong features of separator construction without any of the weak points. Every separator has some good point and its makers depend on that point to sell the machine. In the Bluebell Cream Separator one point does not overtop all others, but a high standard of excellence is maintained throughout.

This machine is shipped with a complete set of accessories, including bowl wrench, oil can and a half gallon of the best separator oil, an S wrench, two screw drivers, rubber rings for separator bowl, wire disk holder, wire milk tube cleaner, bowl and spout brushes, an extra set of hardened steel bearing points and a book of directions. Price on application.

Bluebell No. 1.	Guaranteed capacity,	350	lbs. of milk per hour.
“ “ 2.	“ “ “ “	450	“ “ “ “ “
“ “ 3.	“ “ “ “	650	“ “ “ “ “
“ “ 4.	“ “ “ “	850	“ “ “ “ “



FARM AND GARDEN TOOLS AND IMPLEMENTS, continued.



of four to six inches for each set-up of thirty minutes. throughout the summer.

The Giant Sprinkler is of a most durable construction. Each machine is thoroughly tested before shipment and is guaranteed for one year against defective material or workmanship. For 2 or 2½ inch hose supply. The weight of the sprinkler is 140 lbs., or 200 lbs. when crated for shipment. Price, \$60.00.

BARREL SPRAY PUMP, IRON AGE.

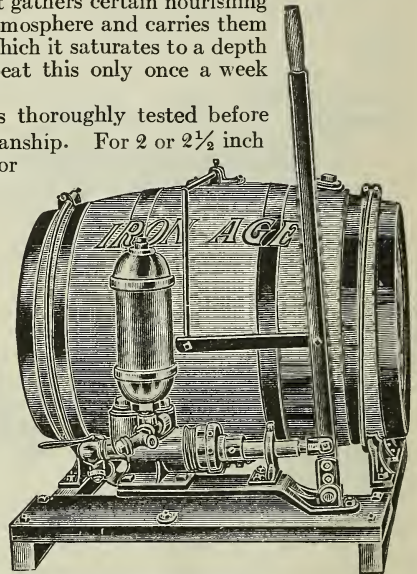
A hand sprayer that is easy to operate, convenient to get at in all its parts, is stable on its foundation, is so mounted that it can be placed on any conveyance and moved at will, has a fine outside pump with high pressure and is durable.

This barrel sprayer has been developed to meet the special need of the man who cannot afford nor find use for the combination potato and orchard machine or the big power sprayer equipments

No. 1901, with one lead, 15 feet, ½ inch discharge hose, one New Vermorel nozzle, one nozzle strainer.....\$21.50

No. 1902, with two leads, 15 feet each, ½ inch discharge hose, two New Vermorel nozzles, two nozzle strainers..... 25.00

Bamboo extension rod..... 3.50

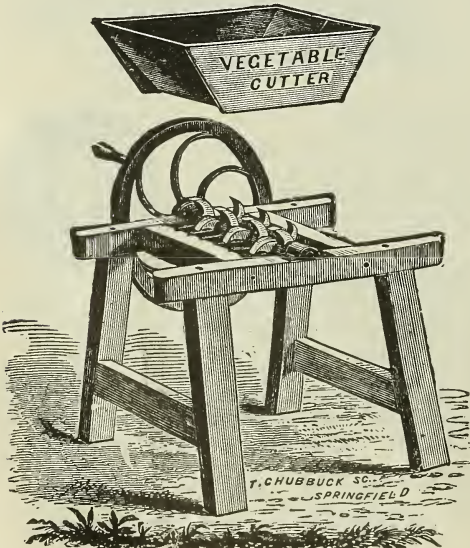
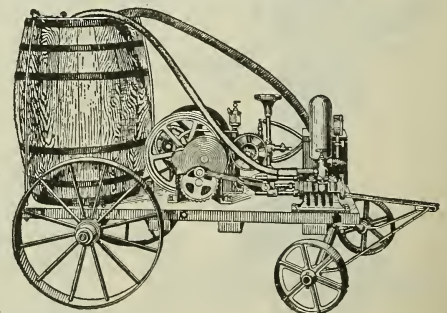
**CHAMPION VEGETABLE CUTTER.**

Made with a steel shaft, with sections of knives fastened to it and arranged so that a rotation of knives is continually passing a bed knife, with cross knives passing between the section of knives, cutting always near the centre shaft and making it easy to cut, and fine enough for cattle or sheep. Will cut sixty bushels per hour. No. 1, \$9.00; No. 2, \$12.00.

I. H. C. SPRAYING OUTFIT. One Horse Power, Air Cooled Engine, Mounted on 4-Wheel Truck.

This is an excellent, all-round spraying outfit, adaptable for use in orchards, vineyards, fields and gardens.

Two leads of discharge hose with two nozzles each, or four leads of hose with one nozzle each, may be used with this outfit. Ample pressure is supplied to force the mixture into all parts of the plant or tree. The outfit is light and can be hauled about by hand. Price, without barrel, \$125.00; barrel, \$2.50.

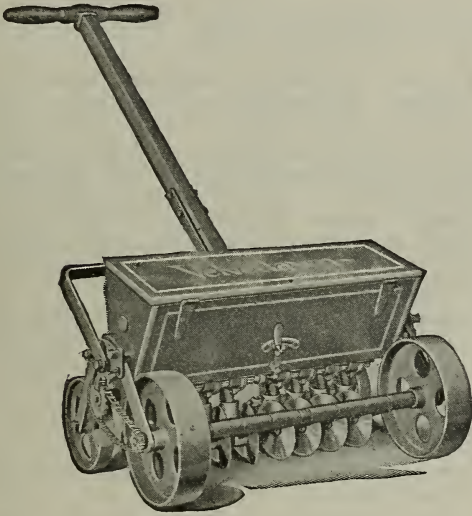


FARM AND GARDEN TOOLS AND IMPLEMENTS, continued

"VELVETLAWN" SEEDER

"Velvetlawn" Seeder. In addition to a sufficient quantity of fertilizer a good lawn requires the proper quantity of *re-cleaned Lawn Seed*, evenly sown and covered. (Cheap, chaffy seed should be avoided). For this purpose we recommend the "Velvetlawn" Seeder.

Our illustration shows a front view of this machine. The ground wheels drive the feeds by means of sprocket wheels and chains. The Shifting Lever can be set to sow any quantity, and is held firmly to place by means of a thumb nut. This lever can be shifted to close the feeds entirely.



Sow plenty of seed, lap half the width of Seeder or cross seed. If grass is very thin, sow east, west, north and south.

In soil that has not been sodded, the ground wheels and the rear roller keep the discs from going too deep, and the roller also smooths the earth, after the seed has been drilled.

Every seed trench contains an equal amount of seed. No seed is wasted. The seed must grow, because it is in the soil and not on top of it. The wind cannot blow it away, birds and fowl do not get it. Neither can heavy rains wash it away. The discs do not tear the sod; they cut it, cultivate the grass roots, and for work in gardens and new grading, pulverize the soil.

There are eight single discs on the machine set two inches apart. Therefore it plants eight rows of seed at a time, or a strip sixteen inches wide. The roller or press wheels at the rear of the machine firm the earth over the seed. There are as many force feeds on the "Velvetlawn" Seeder as there are discs. Every feed sows an equal amount of seed, and the feeds can be set to sow any quantity desired. Each disc is independent in action and automatically conforms to the inequalities of the ground.

All old sod is root bound. The cutting action of the discs relieves this condition, cultivates the grass roots, and at the same time plants new seed in the sod.

Each and every feed on the "Velvetlawn" Seeder sows an absolutely equal amount of seed, therefore all the seed furrows contain the same quantity.

All the seed being planted at an even depth in the soil the plants must come up at one time and make uniform growth.

The feeds on the "Velvetlawn" Seeder are force feeds, and no matter how slow or fast the machine is made to go the amount sown is always the same, until the gauge is set to sow a different quantity. One movement of the gauge lever automatically changes all the feeds. The operator can sow any amount of seed desired. Seed can be sown when the conditions are right, wind or no wind. There is no waiting for a "still" day.

Individual automatic press wheels follow each disc and firm the earth over the seed. "Velvetlawn" Seeders are also equipped with roller.

"Velvetlawn" Seeders are securely boxed for shipment. All that is necessary is to attach the handle and machine is ready for work. \$16.00.

"Velvetlawn" Fertilizer Sower. Sufficient fertilizer is a requisite for a good lawn, and to secure best results it should be applied evenly. This can be done by using the "Velvetlawn" Fertilizer Sower.

Each machine may be accurately adjusted to sow any amount from one hundred to twenty-five hundred pounds per acre. Every machine is guaranteed to sow evenly, accurately and to the desired amount any pulverized fertilizer known. Agitators keep the fertilizers constantly in motion, and the feeds force the fertilizer through the holes in the bottom of the hopper. Whether the machine is pulled or pushed it does good work. \$6.00.

PEAT, LEAF MOLD, ETC.

Cocoanut Fibre. Exceedingly useful to the gardener for many purposes. Screened and sifted. $\frac{1}{4}$ bu., 25 cts.; bu., 60 cts.; sack of $\frac{1}{4}$ bushels, \$2.

Rotted Fibrous Peat. Valuable when used with loam or in repotting plants. $\frac{1}{2}$ pk., 20 cts.; pk., 30 cts.; bu., \$1; bbl., \$2.

Silver Sand. For mixing with potting soil, etc. Pk., 50 cts.; bu., \$1.50.

Leaf-Mold. Best quality. $\frac{1}{2}$ pk., 20 cts.; pk., 30 cts.; bu., \$1; bbl., \$2.

Moss, Sphagnum. Best quality for gardeners' use. Per bu., \$1; per bag, \$1.50; bale, \$6.50.

Orchid Peat or Fern Root. Best selected. Hand picked. Per bu., \$1.50; per bbl., \$3.50.

Prepared Potting Soil. Prepared specially for pot plants. $\frac{1}{2}$ pk., 20 cts.; pk., 30 cts.; bu., \$1; bbl., \$2.

FERTILIZERS

Prices subject to change

Acid Phosphate. 14 to 16 per cent soluble and available phosphoric acid. 100 lbs., \$1.25; ton, \$20.

Ashes, Unleached Hardwood. As a fertilizer for lawns, gardens, and fruits hardwood ashes are unequalled; they are not a mere stimulant, but supply natural plant food, permanently enriching the soil. In bags, per 100 lbs., \$1.25; per ton, \$20.

Bon Arbor. Immediately soluble in water. A complete plant food, containing nitrogen, potash and phosphoric acid in sufficient quantities. $\frac{1}{2}$ lb. pkg. making 15 gals., 30 cts.; 1 lb. pkg., 55 cts.; 5 lbs., \$1.80.

Bone, Crushed or Inch. Especially valuable for grape borders. Per 100 lbs., \$2.50; per ton, \$45.

Bone, Coarse or Cracked. Ground coarse for grape borders or poultry. 100 lbs., \$2.50.

Bone, Fine Ground (Bone Meal). One of the best fertilizers for general purposes. 10 lbs., 50 cts.; 25 lbs., \$1.00; 50 lbs., \$1.50; 100 lbs., \$2.50; per ton, \$34.

Bone, Pure Flour of. Ground perfectly fine; excellent for pot plants or beds where an immediate effect is wanted. Per 100 lbs., \$3; per ton, \$45.

Bradley's Superphosphate. This well-known fertilizer has been a standard for years. It quickens the growth of the crop and brings it to earlier maturity. 100 lbs., \$1.80.

Charcoal. Coarse and fine. 10 lbs., 50 cts.; per 100 lbs., \$3.00.

Clay's Fertilizer. This valuable imported manure is especially recommended to all who grow either fruit, flowers or vegetables, and wish to bring them to the highest perfection. Should be used in potting soil and spread on staging of greenhouses planted with flowering plants, etc. Per bag of 14 lbs., \$1.25; 28 lbs., \$2.25; 56 lbs., \$4; 112 lbs., \$7.

Chrysanthemum Manure, Thomson's Special. Entirely soluble and very powerful, especially suitable for top-dressing chrysanthemums and similar plants. It is meant to be used as an additional stimulant during the growing season. A heaped dessert spoonful will be sufficient for a 10-inch pot, sprinkled over the surface of the soil and watered in with tepid water. This may be done three times during the growing season. Price per lb., 25 cts.; 7 lbs., \$1.25; 14 lbs., \$2.25; 28 lbs., \$4; 56 lbs., \$7.

Cotton Seed Meal. 100 lbs., \$2; ton, \$36.

Dissolved Bone. 2 to 3 per cent ammonia, 12 to 14 per cent soluble and available, and 13 to 16 per cent total phosphoric acid. Per 100 lbs., \$2.50; per ton, \$34.

Dried Blood. 12 to 14 per cent ammonia. Per 100 lbs., \$3; per ton, \$55.

Hill and Drill Phosphate, Bowker's. A valuable fertilizer which can be used with equal profit for the hill or drill or sown broadcast. One of the richest and quickest acting fertilizers and may be profitably used on any soil. 100-lb. bag, \$1.80; ton, \$34.

Imperial Plant-Food Chemicals. Rich in phosphates, nitrogen and potash, the well-known essentials of plant life, combined in the best proportions ascertained from years of careful experimenting. Odorless. We offer the "Chemicals" in dry form as follows:

Packages containing	Diluted for use making	
9 oz. (biscuits)	50 gallons, by mail, 35 cts.	\$0.25
3 lbs. (biscuits)	250 gallons	1.00
7 lbs.	500 gallons	1.60
20 lbs.	1,500 gallons	4.00
50 lbs.	3,600 gallons	8.00
100 lbs.	7,200 gallons	14.00

Directions with each package.

This material is over three times as strong in actual plant-food as any other commercial fertilizer.

A similar mixture is designed for lawns and golf greens, and used by all the best golf clubs, is sold in the same sized packages, and at prices as above.

Kainit. 23 to 35 per cent sulphate and muriate of potash; 12 to 13 per cent actual potash. 100 lbs., \$1.25; ton, \$16.00.

Land Plaster, or Ground Gypsum. Valuable as an absorbent, disinfectant and insecticide. 5 lbs., 15 cts.; 25 lbs., 50 cts.; 100 lbs., 75 cts.; ton, \$10.

Lawn and Garden Dressing. An odorless fertilizer, prepared entirely from chemicals, and designed for top-dressing lawns. It is quick and lasting in its effects, and produces a thick, velvety sward. Trial bags for 1000 square feet, 50 cts.; trial bags for 2500 square feet, \$1; 50-lb. bags for 5000 square feet, \$1.75; 100-lb. bags for $\frac{1}{4}$ acre, \$3; ton, \$50.

Lime, Agricultural. An unusually pure calcium lime, especially prepared for use on the soil. Shipped in the form of a dry powder in jute bags of 100 lbs. each. Per bag, \$1; ton, \$13.

Muriate of Potash. 80 to 85 per cent. Price, 10 lbs., 50 cts.; 100 lbs., \$2.75; ton, \$46.

Nitrate of Soda. 95 to 98 per cent purity. Price, 10 lbs., 50 cts.; 100 lbs., \$3.25; ton, \$55.

Salt. Top-dressing for lawns and asparagus beds. Price, per bag, about 140 lbs., \$1.25; ton, \$10.

Sheep Manure. This is a pure, natural manure, and the most nutritious food for plants. Its effect is immediate, much more lasting and healthy than guano or any other manure. It is the best of all manures for mixing with the soil for greenhouse plants. It makes the richest, safest and quickest liquid manure, without any deleterious effects. We offer two brands, **Pure Natural** and **Perfection Pulverized** at the following prices: Pure Natural, 10-lb. packages, 50 cts.; 25 lbs., \$1; 50 lbs., \$1.75; 100 lbs., \$3. Perfection Pulverized, 50 lbs., \$1.25; 100 lbs., \$2.25; ton, \$40.

DIRECTIONS—For mixing with soil, take one part manure to six parts soil. For making a liquid, take one pound manure to five gallons of water, which can be used with safety daily if necessary.

Slag Phosphate. 17 to 19 per cent total phosphoric acid, in original bags. Per 100 lbs., \$1.25; per ton, \$15.

Soot, Imported Scotch. Prevents mildew when mixed with sulphur at the rate of one-third sulphur and two-thirds soot; also a good fertilizer. Per 100-lb. bag, \$3.

Stockbridge Special Manure. They are each especially adapted for the crop designated. The following are the leading brands: Corn and Grain, Grass Top-Dressing, Seeding Down, Lettuce and Spinach, Celery,

FERTILIZERS, continued.

Asparagus, Potatoes, Onion, Roots, Pea and Bean, Vegetable, Vines, Fruit Trees and Strawberry and Small Fruits. Per 100 lbs., \$2; per ton, ask for special price.

Sulphate of Ammonia. (Best.) White or gray. $24\frac{3}{4}$ to $25\frac{1}{4}$ per cent ammonia. Price, 10 lbs., 60 cts.; 100 lbs., \$4; ton, \$75.

Sulphate of Potash and Magnesia. 48 to 52 per cent sulphate of potash, 35 to 40 per cent sulphate of magnesia. 10 lbs., 40 cts.; 100 lbs., \$2; ton, \$35.

Sulphate of Potash, High Grade. 90 to 95 per cent sulphate of potash, 48 to 52 per cent actual potash. 10 lbs., 50 cts.; 100 lbs., \$3.25; ton, \$55.

Swift's Lowell Animal Fertilizer. A Complete Manure for all Crops. This brand is an unsur-

passed all-round fertilizer, and we confidently recommend it as an unequalled crop-producer for general crops. 50-lb. bag, \$1; 100-lb. bag, \$1.80; ton, \$34.

Swift's Lowell Potato Phosphate. A moderate cost fertilizer for potatoes, used largely in Aroostook County, Maine. Will grow potatoes quickly and will feed the crop during its entire growth. Its potash is in the form of sulphate, which produces the best quality of potatoes. 50-lb. bag, \$1.30; 100-lb. bag, \$2.25; ton, \$37.

Vine, Plant and Vegetable Manure, Thomson's. A safe and reliable food and stimulant for every fruit-bearing plant, also for foliage flowering plants and vegetables. 1-8-cwt. (14 lbs.), \$1.25; $\frac{1}{4}$ -cwt. (28 lbs.), \$2.25; $\frac{1}{2}$ -cwt. (56 lbs.), \$4; 1-cwt. (112 lbs.), \$7.

INSECTICIDES AND FUNGICIDES

Ant Exterminator. Q. R. S. For the destruction of ants in lawns and pleasure grounds. In three sizes. 25 cts., 50 cts. and 75 cts. each, postpaid.

Aphis Punk, Nikoteen. Destroys green fly, thrip, etc., in greenhouses. Pkg., 60 cts.; case of 12 packages, \$6.50.

Aphine. For the destruction of the green, black and white fly, thrips, red spider, mealy bug, caterpillars, scale, etc. It is a combination of essential and ethereal oils combined with nicotine in a readily soluble and available form and can be applied as a spray, wash or dipping solution. It is used at an average strength of one part Aphine to forty parts water. Full directions on each can. While admittedly a powerful insecticide it does not affect the most tender growth of plants. Qt., \$1; gal., \$2.50.

Arsenate of Lead. Kills all leaf-eating insects, like potato bugs, rose bugs, gypsy and brown-tail moths, caterpillars, elm beetles, etc., and sticks to the leaves. It is easy to apply and won't injure the most tender foliage. Bowker's (Disparene Brand) and Grasselli's. 1 lb., 20 cts.; 5 lbs., 90 cts.; 10 lbs., \$1.60; 25 lbs., \$3.75; 50 lbs., \$6.50; 100 lbs., special price.

**Bordeaux Mixture, Sterlingworth.**

A concentrated mixture for use with water. Properly compounded, the value of Bordeaux Mixture, cannot be overestimated. That which we offer has been manufactured from the same formula for years and has given universal satisfaction. One gallon makes from 20 to 50 gallons (depending for what it is to be used) by simply adding

water. Explicit directions for use is on every can. Prices: 1-quart cans, 35 cts. each; 1-gallon cans, \$1 each; 5-gallon cans, \$4.50 each.

Bowker's Pyrox. The one best spray for all leaf-eating insects. Does all that Arsenate of Lead will do, besides protecting trees, shrubs, vegetables and plants against fungus diseases, one application answering both purposes, saving labor and expense. "Sticks like paint" in spite of even heavy rains. Guaranteed under the National Insecticide Act. All ready to use by adding water. 1 lb., 25 cts.; 5 lbs., \$1; 10 lbs., \$1.75; 25 lbs., \$4; 50 lbs., \$7.50; 100 lbs., \$13.50.

Large quantities, price on application.

Bug Death. A non-poisonous powder. 1-lb., 15 cts.; 3 lbs., 35 cts.; 5 lbs., 50 cts.; $12\frac{1}{2}$ lbs., \$1.

Burlap. See page 76.

Copper, Ammoniated Solution of. A liquid fungicide, ready for use. Dilute at the rate of 1 quart to

25 gallons of water, and spray lightly. Qt., \$1; gal., \$2; kegs and barrels, \$1.75 and \$1.50 per gal.

Creosote, Gipsy Moth. For the destruction of the eggs of gipsy moth. Qt., 20 cts.; gal., 50 cts.; 5 gals., \$2.25; in barrels at 40 cts. per gallon.

Cutworm Food. Said to be destructive to cutworms. 1-lb. pkg., 25 cts.; 5 lbs., 85 cts.; 10 lbs., \$1.35.

Eureka Fly Killer. Protects cattle and horses from flies. A sure and harmless preventive, easily applied with a sprayer. Gal. \$1.

Fir Tree Oil. Destroys all insects and parasites that infest fruit trees, plants and animals. Small bottles, 25 cts.; $\frac{1}{2}$ pt., 50 cts.; pt., 75 cts.; qt., \$1.50; 2 qts., \$2.75.

Fungine. An infallible remedy for mildew, rust, wilt, bench rot and other blights effecting flowers, fruits and vegetables. It is equally effective under glass and out of doors. A sulphur composition which diluted with water contains no sediment and does not stain the foliage. One gallon makes fifty gallons spraying material. Pt., 50 cts.; qt., 75 cts.; gal., \$2; 10-gal. keg, \$15.

Grape Dust. For destroying mildew on grapevines and trees affected with mold, mildew or rust mites. 5-lb. pkg., 35 cts.

Gishurst Compound. Box, 60 cts.; by mail, 80 cts.

Hellebore, White Powdered. For the destruction of rose slugs and currant worms. This is very effectual. $\frac{1}{2}$ -lb. pkg., 20 cts.; 1-lb. pkg., 35 cts.

**Kerosene Emulsion, Sterlingworth.**

A valuable remedy against scale and all soft-bodied and sucking insects, such as plant lice, leaf aphids, woolly aphids, San Jose scale, thrip, celery aphids, squash bug, leaf hopper, mealy bug, cabbage worms, etc. Sterlingworth Kerosene Emulsion should not be compared in effectiveness with the emulsion offered under the name of Kerosene Emulsion. Formerly these

have been prepared from kerosene, a cheap grade of hard soap and water. Emulsions made from this material cost less but are much less efficient. Our preparation is made from whale-oil soap and water-white oil, the resulting emulsion is more stable and effective as an insecticide. Prices: 1-pt. cans, 25 cts. each; 1-qt. cans, 40 cts. each; 1-gal. cans, \$1 each; 5-gal. jackets, \$4.50 each.

Lawn Compound, Sterlingworth. Destroys dandelions, plantain, chickweed, etc. 5 lbs., 60 cts.; 10 lbs., \$1.00; 50 lbs., \$4.00; 100 lbs., \$7.50.



INSECTICIDES AND FUNGICIDES, continued.

Lemon Oil. A cheap, safe and effectual insecticide. Dilute with water 30 to 50 parts. $\frac{1}{2}$ pt., 25 cts.; pt., 40 cts.; qt., 75 cts.; 2 qts., \$1.25; gal., \$2.

Lime-Sulphur Solution (Grasselli's). Will completely destroy San Jose scale. A clear, cherry-colored liquid guaranteed to be free from all worthless sediment, and contains the highest percentage of lime and sulphur possible in solution, and, if not exposed to the air, will remain so a long time. Booklet upon request. Qt. 40 cts.; gal. 75 cts.; 5 gals., \$2.50; 50-gal. bbls., 25 cts. per gal.

Nicotide Fumigating Compound. For killing all kinds of insects on plants in greenhouses and frames. Sold in cans as follows: Gal., \$15; $\frac{1}{2}$ -gal., \$8.25; per qt., \$4.50; No. 1, 1 pt., sufficient for 32,000 cubic feet of space, \$2.50; No. 2, $\frac{1}{2}$ -pt., \$1.25; No. 3, 4 ozs., 70 cts. Fumigators, 50 cts. each, consisting of three parts—the pan, wire frame and lamp.

"Nico-Fume" Tobacco Paper. (Registered). For fumigating greenhouses. Positively the strongest Tobacco Paper on the market. In special friction-top tins, sold as follows: 24 sheets, 75 cts.; 144 sheets, \$3.50; 288 sheets, \$6.50.

"Nico-Fume" Liquid. A nicotine solution of exceptional purity. Does not stain nor injure blooms nor leave a disagreeable odor. $\frac{1}{4}$ -pt., 50 cts.; pt., \$1.50; $\frac{1}{2}$ -gal., \$5.50; gal., \$10.50.

Nikoteen. A liquid to be used in spraying or vaporizing. Pt. bottles, \$1.50 each; 5 for \$7.

Persian Insect Powder. $\frac{1}{2}$ -lb., 25 cts.; lb., 50 cts.

Paris Green. Strictly pure, lb., 35 cts.

Richard's X L All, Liquid Insecticide. Destroys mealy bug, red spider, etc. Pt., 65 cts.; qt., \$1; $\frac{1}{2}$ -gal., \$1.75.

Richard's X L All, Vaporizing Compound. A safe, cheap, effectual material for the destruction of insects in greenhouses. Fumigator for same, \$1.10. In dry cake form. Box No. 2 contains 20 cakes, sufficient for 20,000 cubic feet of space. Price, \$4.50. No. 3, 10 cakes sufficient for 10,000 cubic feet. Price, \$2.50.

Scalecide. For the destruction of San Jose scale and all soft-bodied insects. Qt., 40 cts.; gal., \$1; 5 gals., \$4; 10 gals., \$7; 30 gals., \$16; 50 gals., \$25.

Slug Shot, Hammond's. Destroys insects injurious to house and garden plants, vegetables and fruit of all kinds. Directions for use on each package. 1-lb. cartons, each, 12 cts.; 5-lb. pkg., 25 cts.; 10-lb. pkg., 50 cts.; 100-lb. pkg., \$4.50.

Soap, Sulpho-Tobacco. 3-oz. pkg., 10 cts.; mailed postpaid, 13 cts.; per doz., \$1; $\frac{1}{2}$ -lb. pkg., 20 cts.; mailed postpaid, 28 cts.; per doz., \$2.

Soap, Whale Oil. Excellent for destroying insects on plants, trees, vines, etc. Lb. pkg., 15 cts.; 2-lb., 25 cts.; 5-lb., 60 cts.; 10-lb., \$1.00; 100-lb., \$9.00.

Soap Spray, "Imp." The base is pure soap. It contains vegetable poisons, harmless to plants, but peculiarly effective against red spider on fruits, etc., the rhododendron fly, rose bug and other insect pests on fruits, flowers and foliage. It sticks, but can be easily washed off before marketing. One gallon (can) makes 12 gallons of spraying fluid. Qt., 50 cts.; gal., \$1.50; 5 gals., \$6; 10 gals., \$10. Specially recommended and very effective in killing White Fly.

Soap, Whale Oil and Tobacco, Sterlingworth.

Sterlingworth Whale Oil Soap and Tobacco is a most effective, reliable, simple and cheap preparation for destroying San Jose scale, plant lice, and all sucking insects on trees, shrubs, plants, vines, rose bushes, etc. Efficiency is increased by addition of tobacco extractive matter and potash. This preparation possesses all the virtues of whale oil soap and the valuable insecticide properties of tobacco and potash. Full directions for use on each package. Prices: 1-lb. box, 15 cts.; 5-lb. box, 60 cts.; 10-lb. box, \$1; 100 lbs., \$9.



Sulphur, Flowers of. Prevents mildew on grapevines, bushes, etc. Lb., 8 cts.; 5 lbs., 25 cts.

Sulpho-Naphthol. Of value as a disinfectant as well as an insecticide. 8-oz. bottle, 50 cts.; qt., \$1.

Tobacco Dust. Lb. 10 cts.; 5 lbs. 20 cts.; 100 lbs. \$3.

Tobacco Stems. Small quantities, per lb., 5 cts.; in bbls., per lb., 3 cts.; large bales or cases, per lb., 2 cts.

Tree Tanglefoot. A safeguard for trees, shrubs, etc., against the gipsy moth and canker worm. Remains sticky during hot, cold and wet weather. Lb., 30 cts.; 3 lbs., 85 cts.; 10 lbs., \$2.65; 20 lbs., \$4.80.

Vermine. A soil sterilizer and germicide for all soil vermin, such as cut, eel, wire and grub worms, slugs, root lice, maggots and ants. Used in the greenhouse, garden and field. One part Vermine to four hundred parts water, thoroughly soaking the ground, does its work effectively without injury to vegetation, and protects your crops and lawns against the ravages under the soil. Prices: Gill, 25 cts.; half pint, 40 cts.; pint, 65 cts.; quart, \$1; gallon, \$3; 5-gallon keg, \$12.50.



Weed Killer, Sterlingworth. A most satisfactory and powerful weed-killer, compounded especially for use on walks, drives, tennis courts, etc. It is a powder to be dissolved in water. It completely destroys all kinds of grass, briars, thistles, poison ivy, etc. One gallon covers three to four square yards, applied with an ordinary watering pot. Lb. (makes 15 gallons), 50 cts.; 3-lb. pkg., \$1.25; 5-lb. pkg., \$2.

Worm Eradicator, Carter's. For lawns, putting greens, tennis courts, etc. An English preparation which destroys all worms in the soil and is a fertilizer of great merit. Free from chemicals and harmless to animals. Per 100 lbs., \$5; $\frac{1}{2}$ ton, \$40; ton, \$75.

Worm and Ant Destroyer, "Imp." A poisonous liquid, absolutely harmless to grass. One gallon makes 120 gallons of spraying liquid. Upon spraying the ground, worms and ants immediately rise to the surface. They are raked off and burned. Astonishingly effective on golf-greens, lawns and flower-borders. Qt., 75 cts.; gal., \$2; 10 gals., \$20.

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